720 Series



Compact solenoid valve | 2/2-3/2 NC-NO PNEUMATIC DIVISION



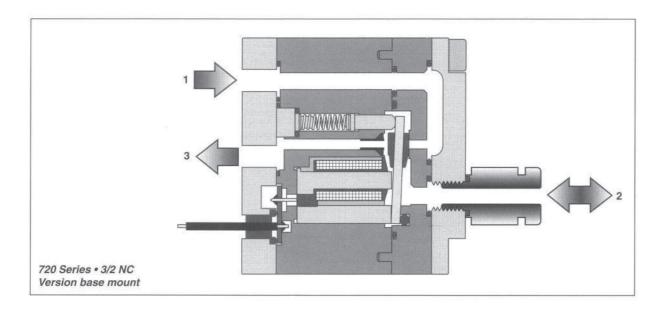
SOLENOID VALVES 720 SERIES • 2/2 • 3/2

Pneumatic solenoid valves of 720 Series are available in both NC and NO version. They include all innovations, which are present in Matrix solenoid valves, both in materials and in operating principles. They couple simplicity and reliability with high dynamic performance. Response times are of milliseconds range, while their operating life is over 500 million cycles. The Series comprises Vacuum versions designed for uses with vacuum technique.

Due to the facility to be speed-up controlled, dynamic characteristics become even more improved: standard solenoid valves equipped with 24 VDC control present response times lower than 5 ms in opening and 2 ms in closing, with a maximum operation frequency 200 Hz. On the contrary, solenoid valves equipped with speed-up control present a response time both in opening and closing lower than 2 ms, with a maximum operation frequency 300 Hz.

Besides high-speed characteristics, solenoid valves 720 Series offer flow rate value to 100 ℓ /minute (ANR), with supply pressure from 0 to 8 bar.

720 Series is available both in line assembly version and on sub-plate and is equipped with a range of accessories such as multi-position manifolds and speed-up driver boards



Advantages

- · Compact dimension.
- · High duct diameter and flow rate.
- · Short response times.
- · Insensitivity to frequency work and to vibrations.
- Low absorbed power.
- · Precision, repetitiveness and flexibility.
- · Long operating life.

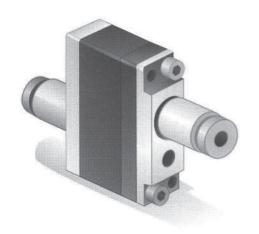
Applications

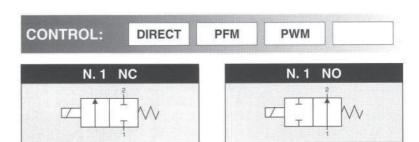
- · Process and precision instrumentation.
- · Pressure and flow rate control devices.
- · Positioning systems.
- · Pilot systems.
- Selection systems.
- · Metering systems.
- · Biomedical and measure sector.
- Industrial automation.

Materials

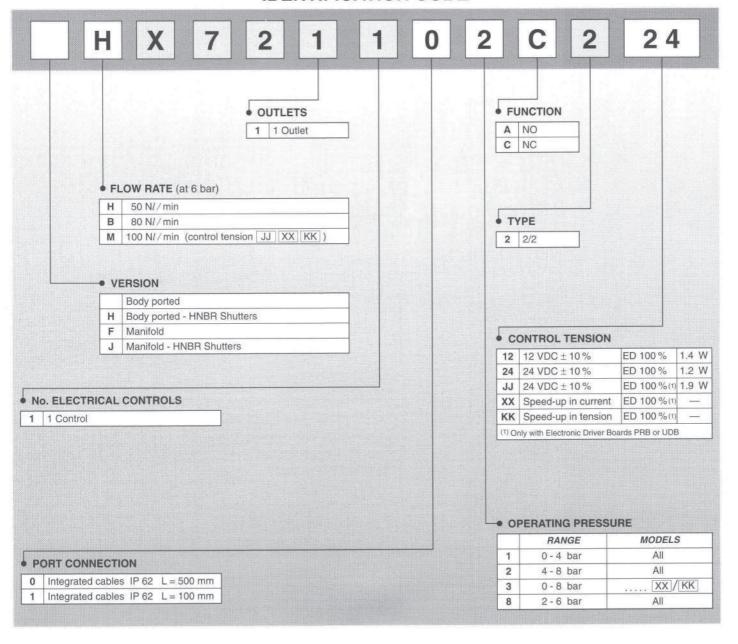
- · Body in PPS.
- · Flanges in Al.
- · Seals in NBR (shutters in HNBR on request).



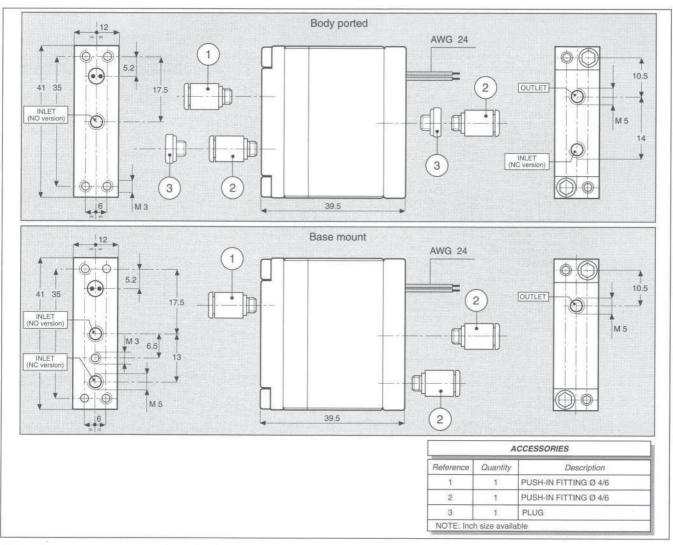


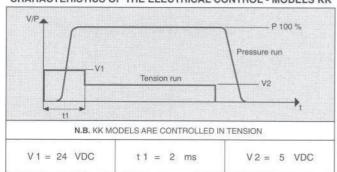


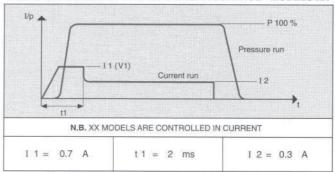
| FLUID | Non-lubrifcated dry air, neutral gases (-10 + 50°C | | | | |
|--------------------------|--|-----------|--------------|--|--|
| FILTRATION RATING | Min 40 micron | | | | |
| TEMPERATURE | - 10 + 50°C (Standard version) | | | | |
| RESPONSE TIME IN OPENING | 12 / 24 < 7 ms | | | | |
| RESPONSE TIME IN CLOSING | 12 / 24 < 3 ms | JJ < 2 ms | XX/KK < 2 ms | | |
| MAXIMUM FREQUENCY | 100 Hz | 200 Hz | 300 Hz | | |
| WEIGHT | 35 g | | | | |
| PRODUCT LIFE EXPECTANCY | ≥ 500 M/s cycles | | | | |
| IP RATING | IP 62 | | | | |

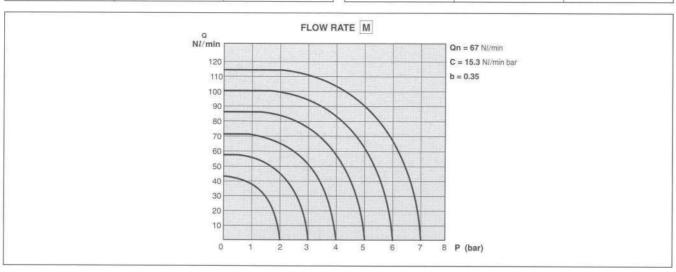




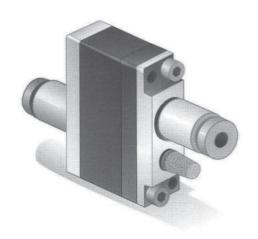


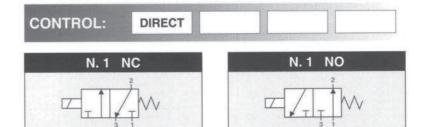




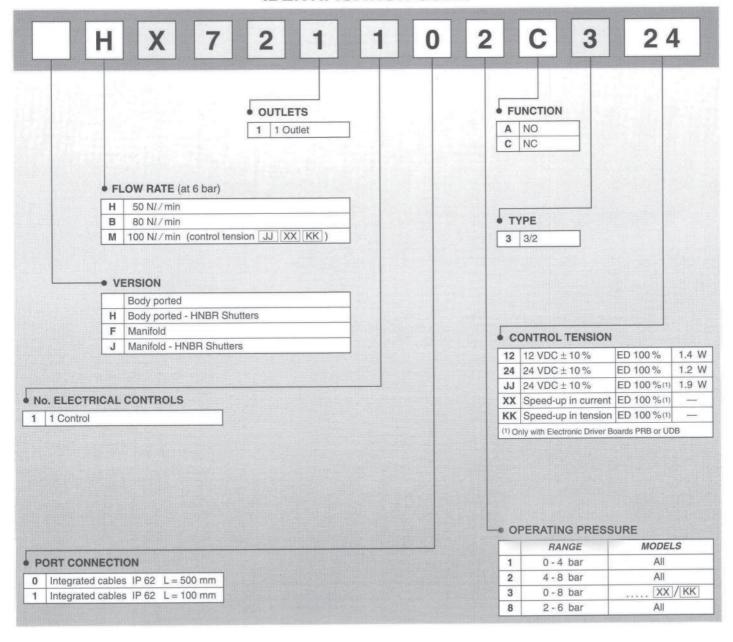




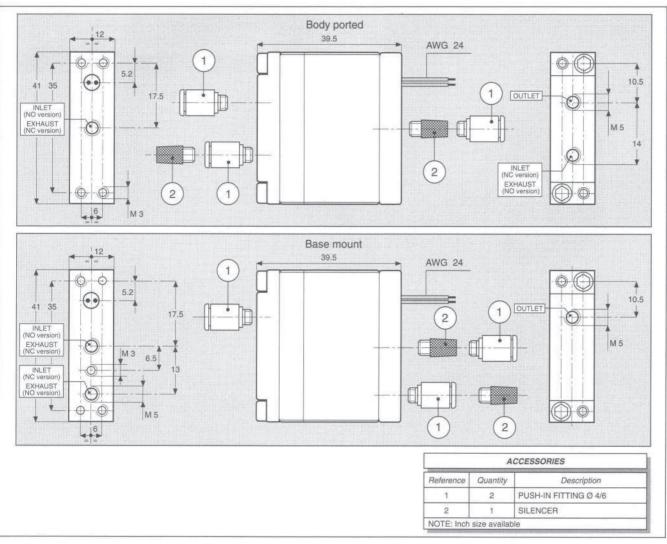


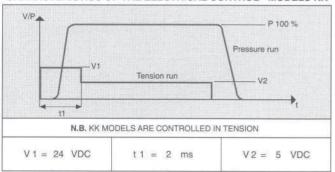


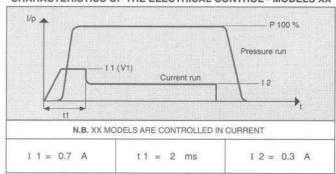
| FLUID | Non-lubricated dry air, neutral gases (-10 + 50°C | | | |
|--------------------------|---|-----------|--------------|--|
| FILTRATION RATING | Min 40 micron | | | |
| TEMPERATURE | - 10 + 50°C (Standard version) | | | |
| RESPONSE TIME IN OPENING | 12 / 24 < 7 ms | JJ < 5 ms | XX/KK < 2 ms | |
| RESPONSE TIME IN CLOSING | 12 / 24 < 3 ms | JJ < 2 ms | XX/KK < 2 ms | |
| MAXIMUM FREQUENCY | 100 Hz | 200 Hz | 300 Hz | |
| WEIGHT | 35 g | | | |
| PRODUCT LIFE EXPECTANCY | ≥ 500 M/s cycles | | | |
| IP RATING | IP 62 | | | |

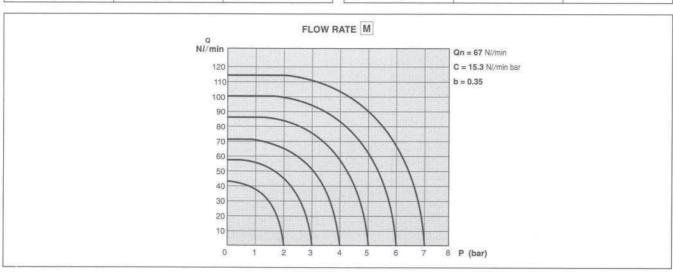


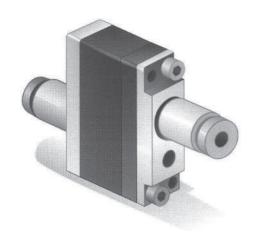


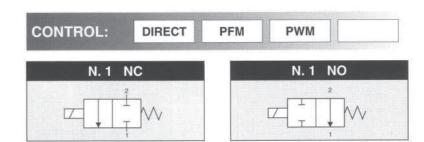




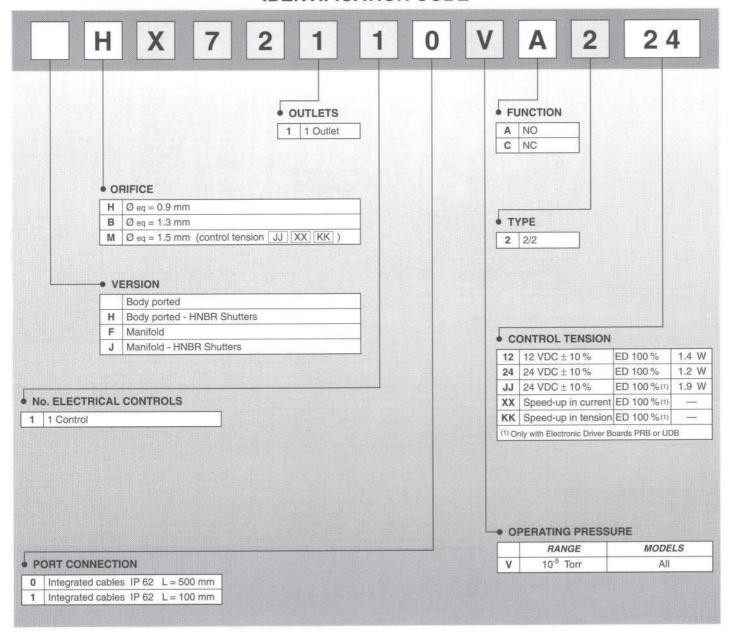




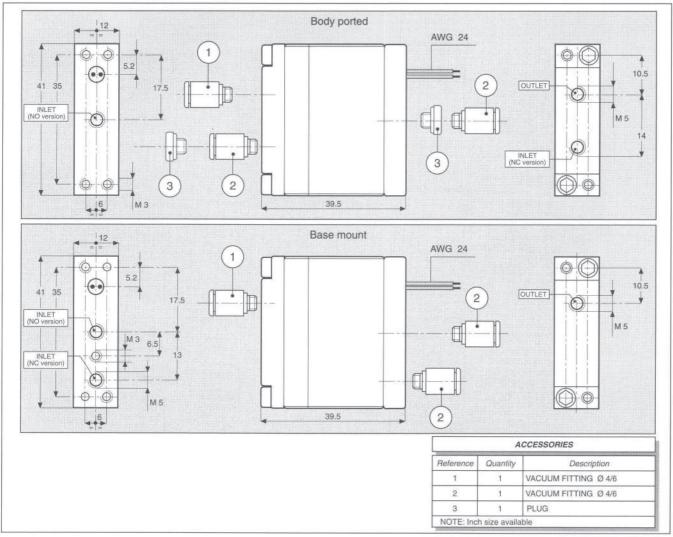


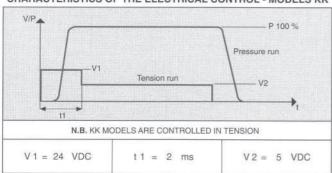


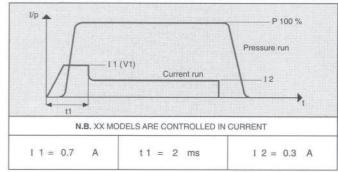
| FLUID | Non-lubricated dry air, neutral gases (-10 + 50°C | | | |
|--------------------------|---|-----------|--------------|--|
| FILTRATION RATING | Min 40 micron | | | |
| TEMPERATURE | - 10 + 50°C (Standard version) | | | |
| RESPONSE TIME IN OPENING | 12/24 < 7 ms | | | |
| RESPONSE TIME IN CLOSING | 12 / 24 < 3 ms | JJ < 2 ms | XX/KK < 2 ms | |
| MAXIMUM FREQUENCY | 100 Hz | 200 Hz | 300 Hz | |
| WEIGHT | 35 g | | | |
| PRODUCT LIFE EXPECTANCY | ≥ 500 M/s cycles | | | |
| IP RATING | IP 62 | | | |



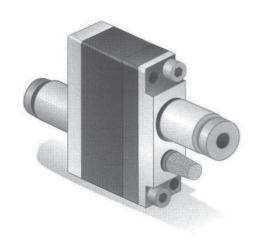


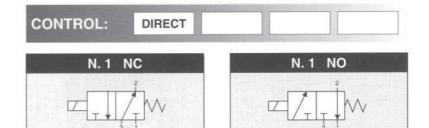




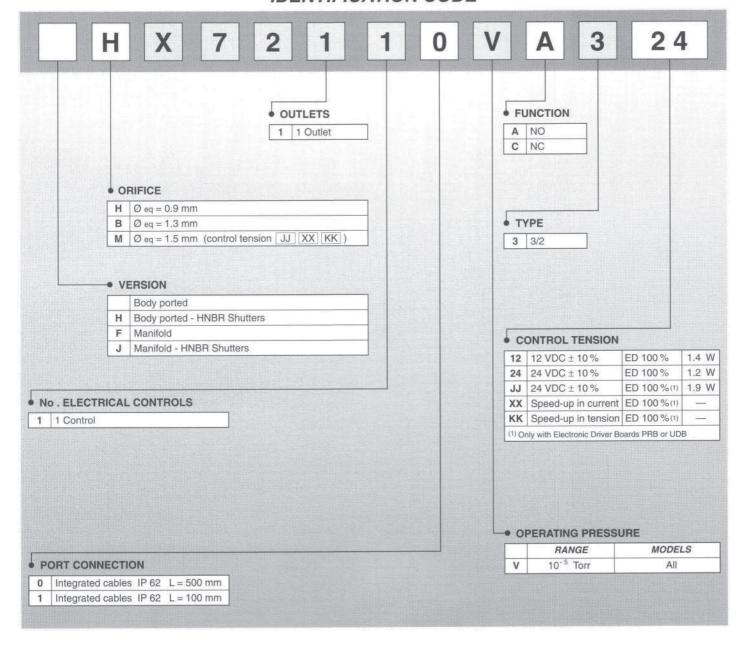




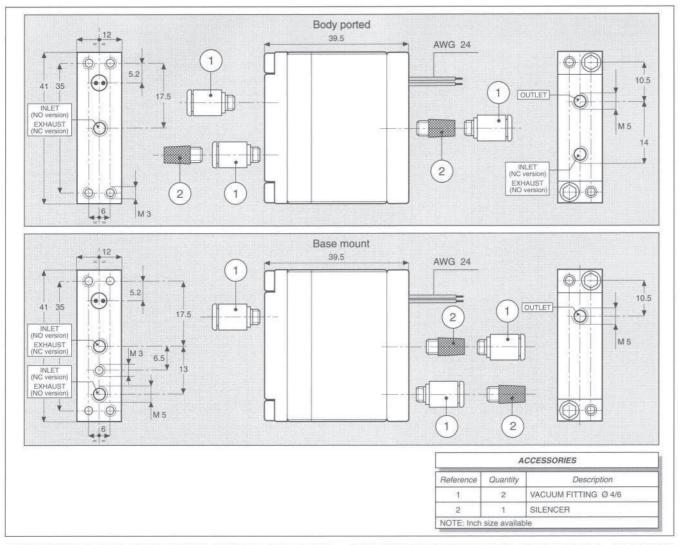


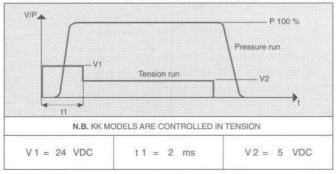


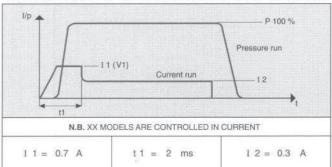
| FLUID | Non-lubricated dry air, neutral gasesi (-10 + 50°C | | | |
|--------------------------|--|-----------|--------------|--|
| FILTRATION RATING | Min 40 micron | | | |
| TEMPERATURE | - 10 + 50°C (Standard version) | | | |
| RESPONSE TIME IN OPENING | 12 / 24 < 7 ms | | | |
| RESPONSE TIME IN CLOSING | 12 / 24 < 3 ms | JJ < 2 ms | XX/KK < 2 ms | |
| MAXIMUM FREQUENCY | 100 Hz | 200 Hz | 300 Hz | |
| WEIGHT | 35 g | | | |
| PRODUCT LIFE EXPECTANCY | ≥ 500 M/s cycles | | | |
| IP RATING | IP 62 | | | |











ACCESSORIES

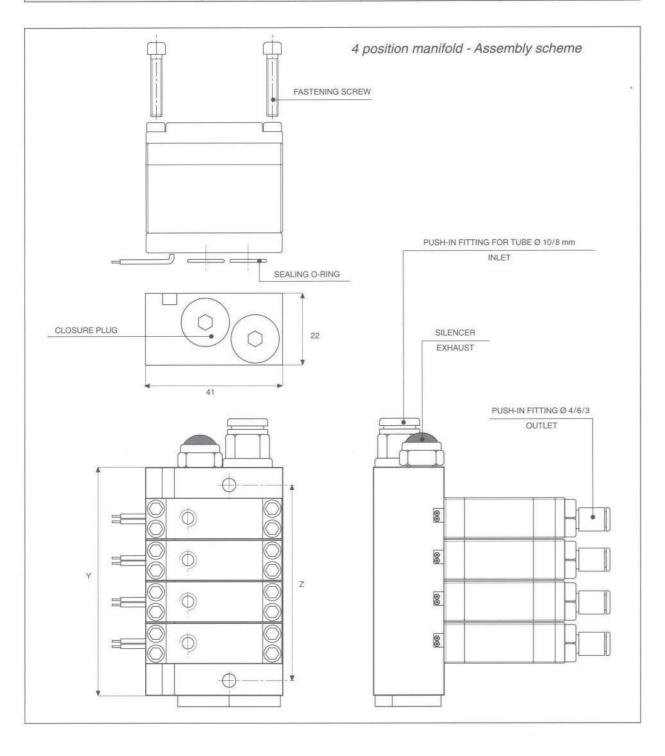
Manifold - 720 Series

Manifolds for multiple installing represent a fast and safe system of connection for all 720 Series models. Manifolds are available in patterns for 4 and 8 solenoid valves. They come in a kit with fastening screws, inlet push-in fittings, closure plug and sealing O-Rings.

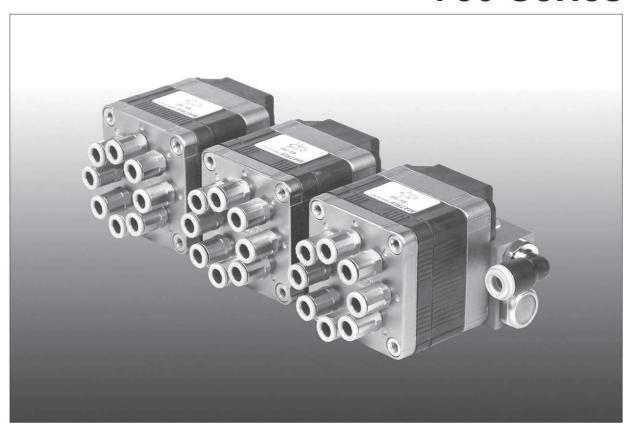
9

How to order manifolds - Available patterns

| Pattern | Kit code | Y (mm) | Z (mm) |
|-----------------------|-----------|----------|--------|
| no. 4 Solenoid valves | 861.310 I | 70 | 60 |
| no. 8 Solenoid valves | 861.321 T | 120 | 110 |



750 Series



Compact solenoid multi-valve | 2/2-3/2 NC-NO PNEUMATIC DIVISION

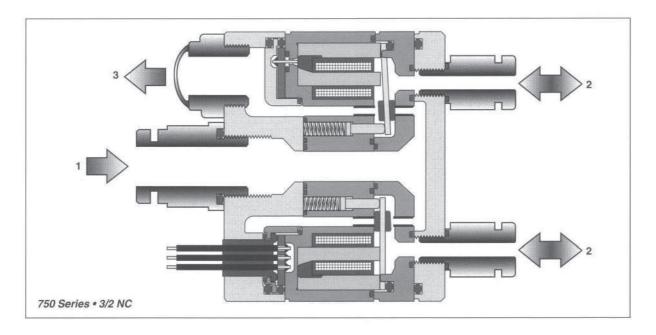


SOLENOID VALVES 750 SERIES • 2/2 • 3/2

750 Series 2/2 and 2/3 encloses in a single body eight shutters in NC or NO configuration. The series modularity allows to have at disposal a single outlet or 2, 4, 8 independent outlets. All innovations offered by Matrix technology are present. Said characteristics couple manufacturing simplicity and ability of dynamic high-performances. Response times are of millisecond range, while operation life is over 500 million cycles. The Series includes the Vacuum versions designed for uses with vacuum technique. Due to the facility to be speed-up controlled, dynamic characteristics are even more improved: standard solenoid valves equipped with 24 VDC control present response times lower than 5 ms in opening and 2 ms in closing, with a maximum operation frequency 200 Hz. On the contrary, solenoid valves equipped with speed- up control present a response time both in opening and closing lower than 2 ms, with a maximum operation frequency 300 Hz.

Besides high-speed characteristics, solenoid valves 720 Series offer flow rate value to 100ℓ /minute (ANR), with supply pressure from 0 to 8 bar.

For 750 multi-function series, a lot of accessories are available, such as IP 52 or IP 56 connectors, manifolds with different positions and speed-up driver boards.



Advantages

- · Compact dimension.
- · High duct diameter and flow rate.
- · Short response times.
- · Insensitivity to frequency work and to vibrations.
- · Low absorbed power.
- · Precision, repetitiveness and flexibility.
- · Long operating life.

Applications

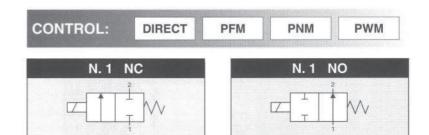
- · Process and precision instrumentation.
- · Pressure and flow rate control devices.
- · Positioning systems.
- · Pilot system.
- · Selection systems.
- · Metering systems.
- · Biomedical and measure sector.

Materials

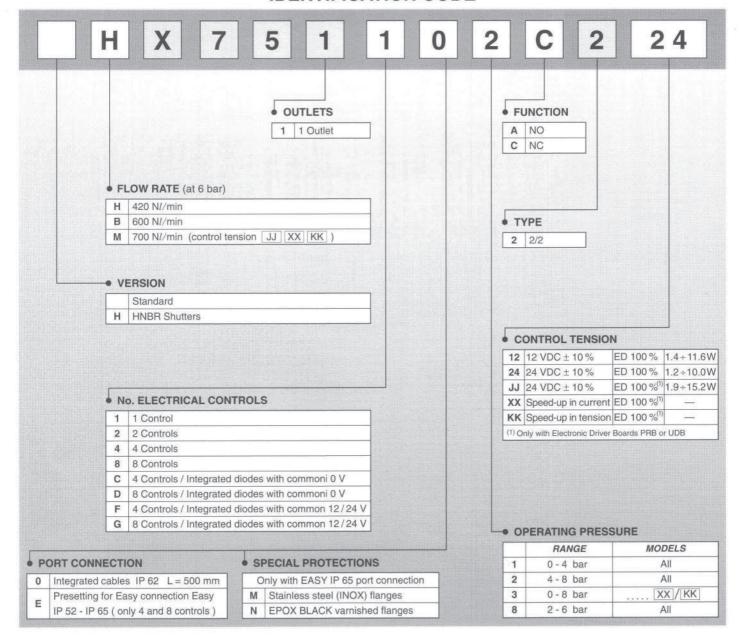
- · Body in PPS.
- Flanges in Al. (in INOX if required).
- · Seals in NBR. (shutters in HNBR if required).



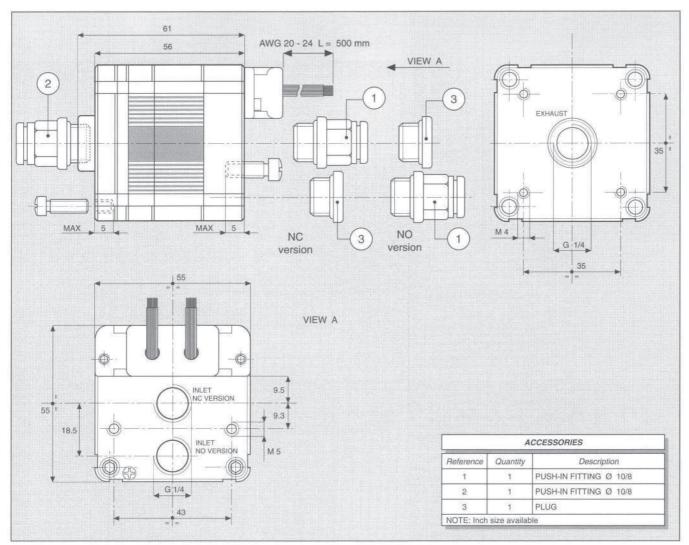


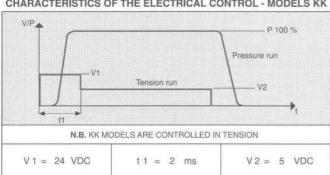


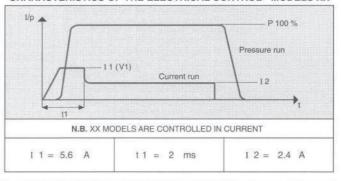
| FLUID | Non-lubricated dry air, neutral gases (-10 + 50°C | | | | |
|--------------------------|---|-----------|--------------|--|--|
| FILTRATION RATING | Min 40 micron | | | | |
| TEMPERATURE | - 10 + 50°C (Standard version) | | | | |
| RESPONSE TIME IN OPENING | 12 / 24 < 7 ms | | | | |
| RESPONSE TIME IN CLOSING | 12 / 24 < 3 ms | JJ < 2 ms | XX/KK < 2 ms | | |
| MAXIMUM FREQUENCY | 100 Hz | 200 Hz | 300 Hz | | |
| WEIGHT | 380 g | | | | |
| PRODUCT LIFE EXPECTANCY | ≥ 500 M/s cycles | | | | |
| IP RATING | IP 52 - IP 62 - IF | P 65 | | | |







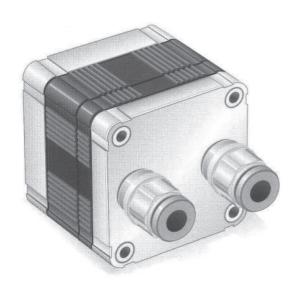


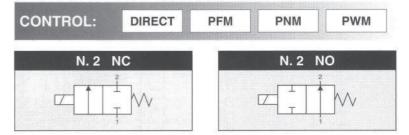


| Q N/min | | | | Qn = 462 N//min |
|------------|----|----|-----|---------------------------------|
| 800 | + | | | C = 100 NI/min bar b = 0.425 |
| 700 | _ | | | D = 0.425 |
| 600 | - | 1 | | |
| 500 | | 11 | | |
| 400 | 1/ | 11 | | |
| 300 | | ++ | 111 | |
| 200 | 11 | 11 | 11 | |
| 100 | 1 | 11 | | |

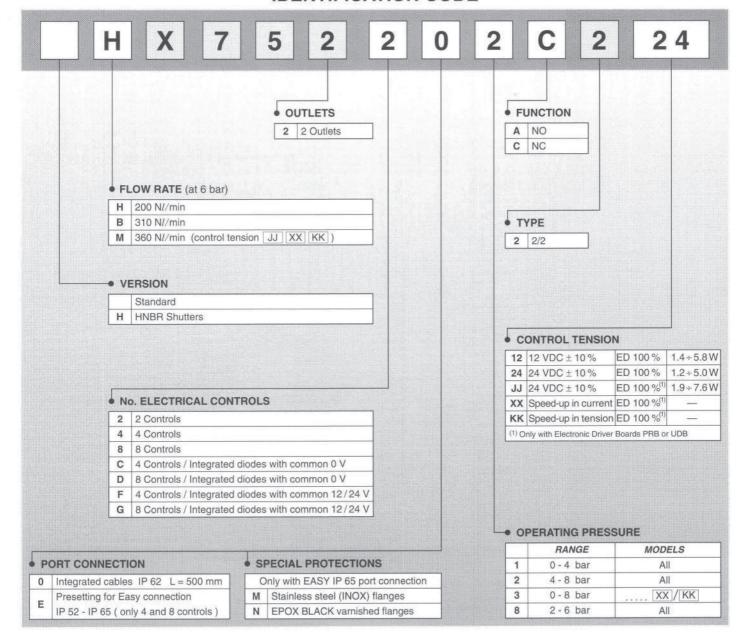
| COLOUR | 1 CONTROL | 2 CONTROLS | 4 CONTROLS | 8 CONTROLS |
|--------|-----------|------------|------------|------------|
| BLACK | COMMON | COMMON | COMMON | COMMON |
| BROWN | | 1 | 1 | 1 |
| RED | 1 | 2 | 2 | 2 |
| ORANGE | | - | 3 | 3 |
| YELLOW | | - | 4 | 4 |
| GREEN | | : | _ | 5 |
| BLUE | | | - | 6 |
| VIOLET | | - | - | 7 |
| GREY | _ | - | - | 8 |



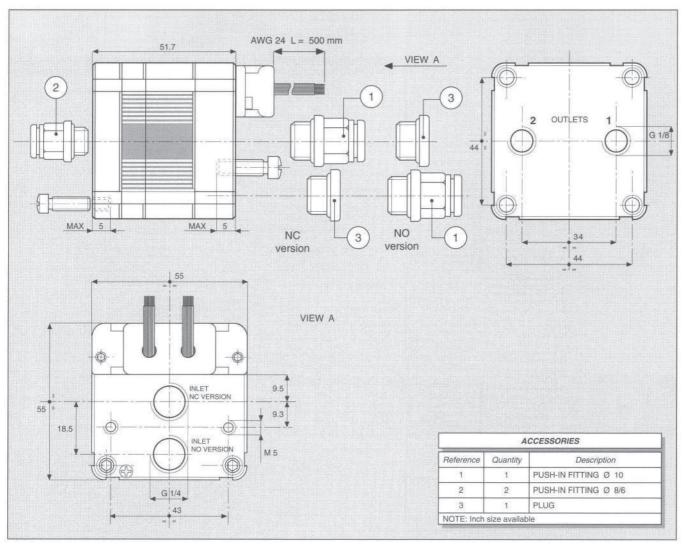


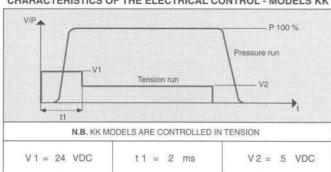


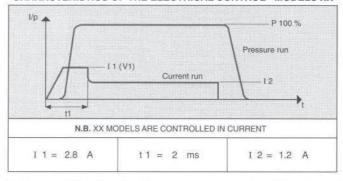
| FLUID | Non-lubricated dry air, neutral gases (-10 + 50°C | | | |
|--------------------------|---|-----------|--------------|--|
| FILTRATION RATING | Min 40 micron | | | |
| TEMPERATURE | - 10 + 50°C (Standard version) | | | |
| RESPONSE TIME IN OPENING | 12 / 24 < 7 ms | JJ < 5 ms | XX/KK < 2 ms | |
| RESPONSE TIME IN CLOSING | 12 / 24 < 3 ms | JJ < 2 ms | XX/KK < 2 ms | |
| MAXIMUM FREQUENCY | 100 Hz | 200 Hz | 300 Hz | |
| WEIGHT | 330 g | | | |
| PRODUCT LIFE EXPECTANCY | ≥ 500 M/s cycles | | | |
| IP RATING | IP 52 - IP 62 - IP 65 | | | |







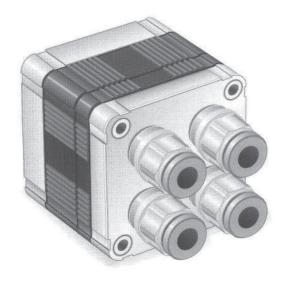


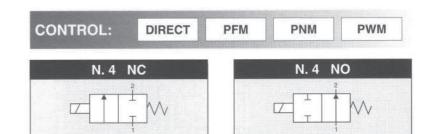


| 400 | C = 51.43 N//min ba |
|-----|---------------------|
| | b = 0.278 |
| 300 | |
| 200 | |
| 100 | |

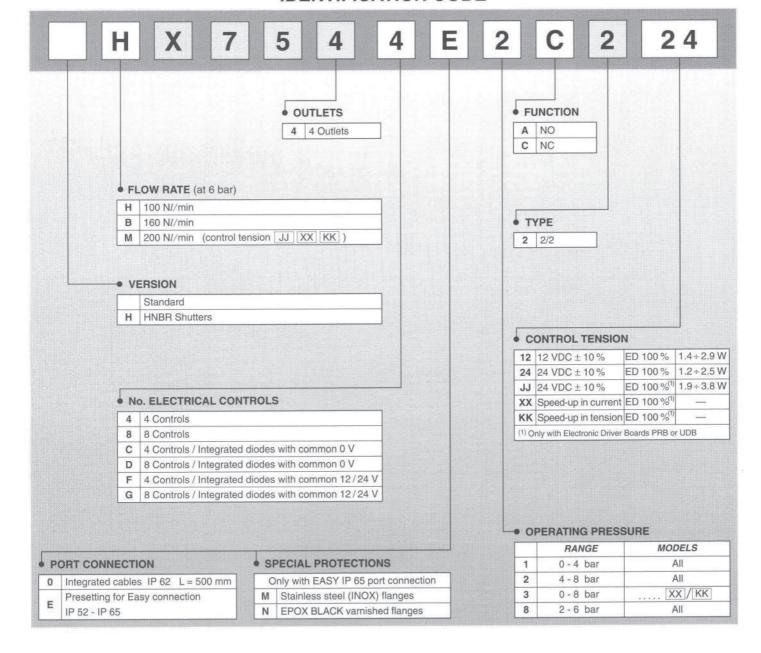
| COLOUR | 2 CONTROLS (SINGLE CABLES) | 2 CONTROLS EASY CONNECTION IP 52 | 4 CONTROLS (OUTLET) | 8 CONTROLS (OUTLET) |
|--------|-------------------------------|--|------------------------|------------------------|
| BLACK | *COMMON | COMMON | COMMON | COMMON |
| BROWN | 1 | 1 | 1 (1) | 1 (1) |
| RED | 2 | | 2 (1) | 2 (1) |
| ORANGE | | 2 | 3 (2) | 3 (1) |
| YELLOW | _ | _ | 4 (2) | 4 (1) |
| GREEN | _ | - | | 5 (2) |
| BLUE | - | - | - | 6 (2) |
| VIOLET | _ | _ | | 7 (2) |
| GREY | | | - | 8 (2) |



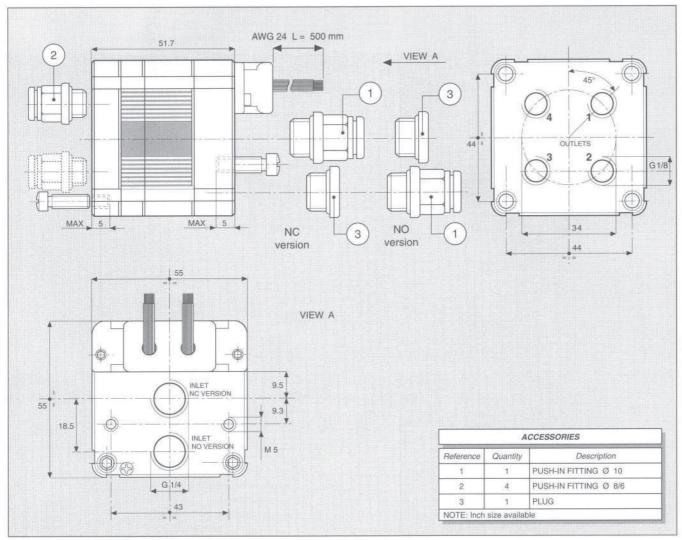


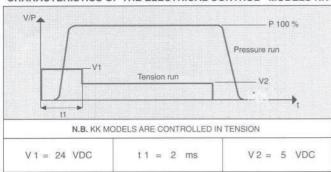


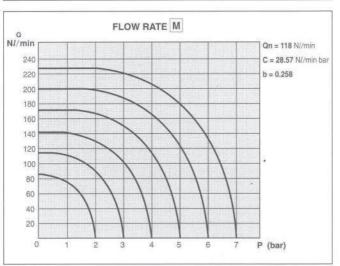
| FLUID | Non-lubricated dry air, neutral gases (-10 + 50°C | | | |
|--------------------------|---|-----------|--------------|--|
| FILTRATION RATING | Min 40 micron | | | |
| TEMPERATURE | - 10 + 50°C (Standard version) | | | |
| RESPONSE TIME IN OPENING | 12 / 24 < 7 ms | JJ < 5 ms | XX/KK < 2 ms | |
| RESPONSE TIME IN CLOSING | 12 / 24 < 3 ms | JJ < 2 ms | XX/KK < 2 ms | |
| MAXIMUM FREQUENCY | 100 Hz | 200 Hz | 300 Hz | |
| WEIGHT | 340 g | | | |
| PRODUCT LIFE EXPECTANCY | ≥ 500 M/s cycles | | | |
| IP RATING | IP 52 - IP 62 - IF | e 65 | | |



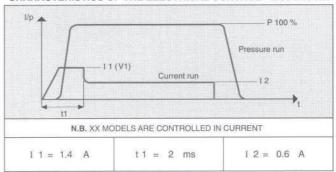








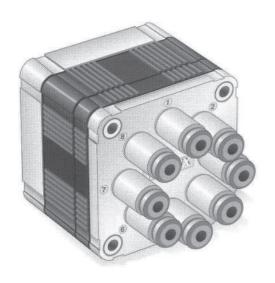
CHARACTERISTICS OF THE ELECTRICAL CONTROL - MODELS XX

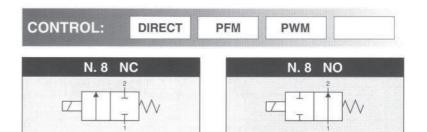


ELECTRICAL PORT COMMECTION

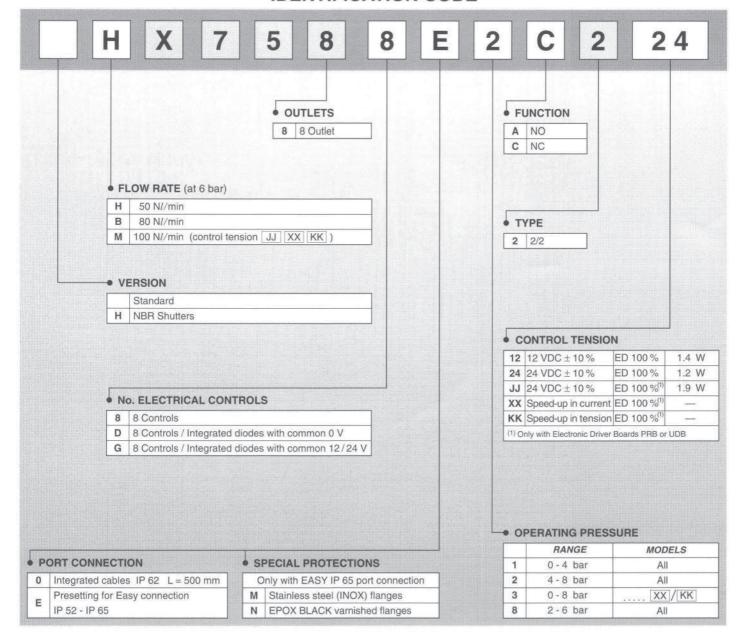
| COLOUR | 4 CONTROLS | 8 CONTROLS (OUTLET) |
|--------|------------|------------------------|
| BLACK | COMMON | COMMON |
| BROWN | 1 | 1 (1) |
| RED | 2 | 2 (1) |
| ORANGE | 3 | 3 (2) |
| YELLOW | 4 | 4 (2) |
| GREEN | | 5 (3) |
| BLUE | | 6 (3) |
| VIOLET | - | 7 (4) |
| GREY | - | 8 (4) |



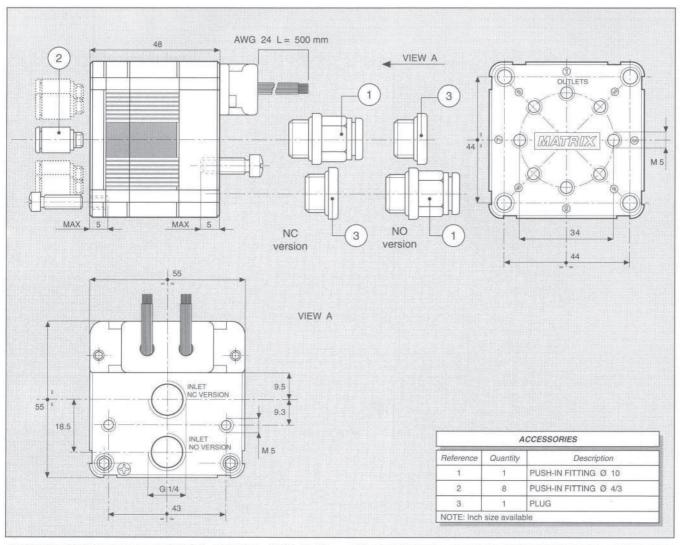


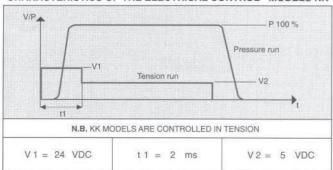


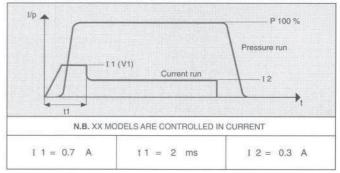
| FLUID | Non-lubricated dry air, neutral gases (-10 + 50°C | | | |
|--------------------------|---|-----------|--------------|--|
| FILTRATION RATING | Min 40 micron | | | |
| TEMPERATURE | - 10 + 50°C (Standard version) | | | |
| RESPONSE TIME IN OPENING | 12 / 24 < 7 ms | | | |
| RESPONSE TIME IN CLOSING | 12 / 24 < 3 ms | JJ < 2 ms | XX/KK < 2 ms | |
| MAXIMUM FREQUENCY | 100 Hz | 200 Hz | 300 Hz | |
| WEIGHT | 350 g | | | |
| PRODUCT LIFE EXPECTANCY | ≥ 500 M/s cycles | | | |
| IP RATING | IP 52 - IP 62 - IF | 65 | | |

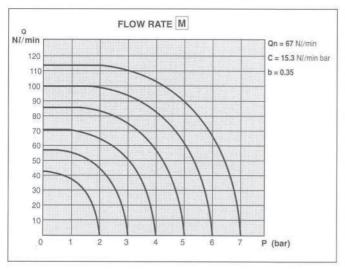












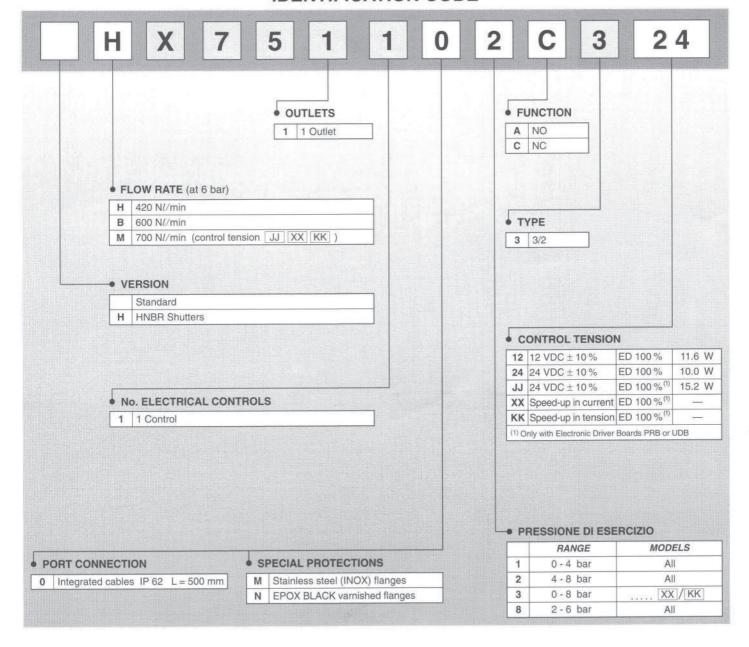
| COLOUR | 8 CONTROLS |
|--------|------------|
| BLACK | COMMON |
| BROWN | 1 |
| RED | 2 |
| ORANGE | 3 |
| YELLOW | 4 |
| GREEN | 5 |
| BLUE | 6 |
| VIOLET | 7 |
| GREY | 8 |



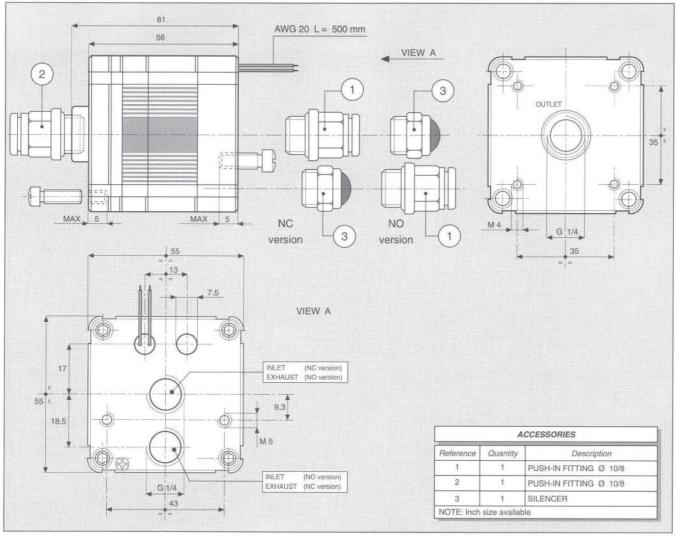


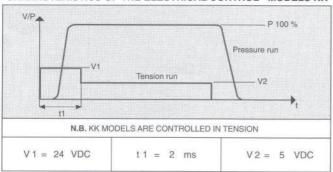


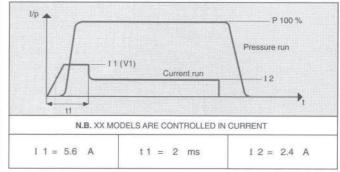
| FLUID | Non-lubricated dry air, neutral gases (-10 + 50°C | | | |
|--------------------------|---|-----------|--------------|--|
| FILTRATION RATING | Min 40 micron | | | |
| TEMPERATURE | - 10 + 50°C (Standard version) | | | |
| RESPONSE TIME IN OPENING | 12 / 24 < 7 ms | JJ < 5 ms | XX/KK < 2 ms | |
| RESPONSE TIME IN CLOSING | 12 / 24 < 3 ms | JJ < 2 ms | XX/KK < 2 ms | |
| MAXIMUM FREQUENCY | 100 Hz | 200 Hz | 300 Hz | |
| WEIGHT | 380 g | | | |
| PRODUCT LIFE EXPECTANCY | ≥ 500 M/s cycles | | | |
| IP RATING | IP 62 | | | |

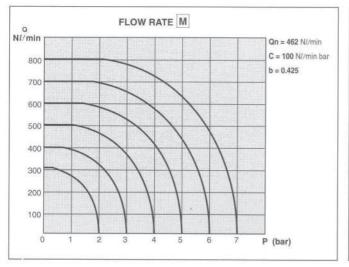








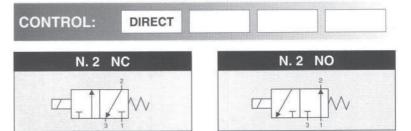




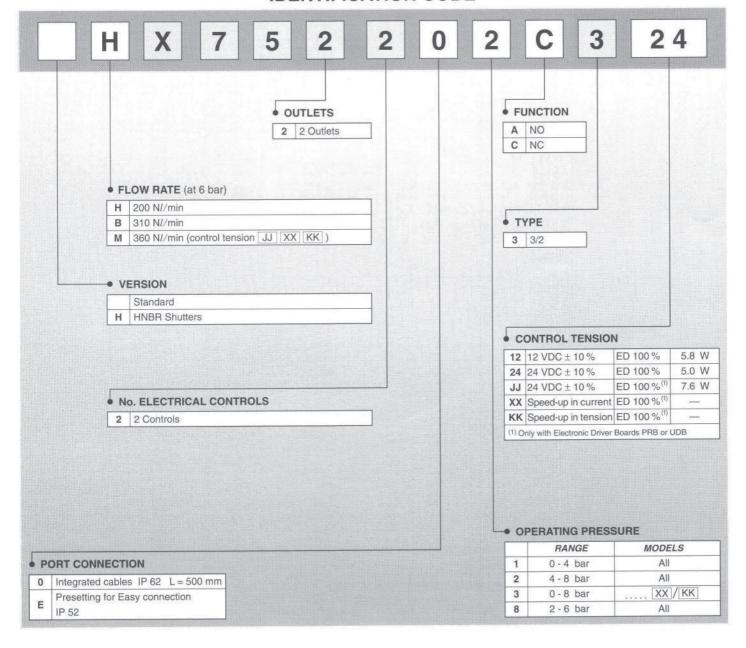
| COLORE | 1 CONTROL | |
|--------|-----------|--|
| BLACK | COMMON | |
| BROWN | 1 | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |



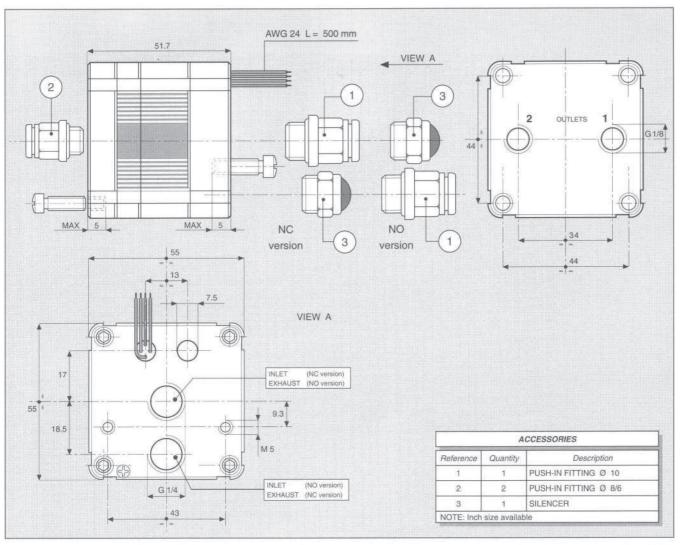


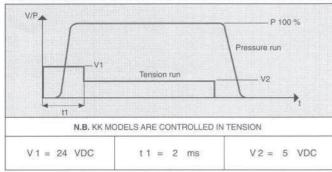


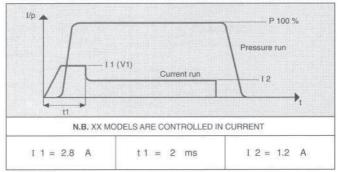
| FLUID | Non-lubricated dry air, neutral gases (-10 + 50°C | | | |
|--------------------------|---|-----------|--------------|--|
| FILTRATION RATING | Min 40 micron | | | |
| TEMPERATURE | - 10 + 50°C (Standard version) | | | |
| RESPONSE TIME IN OPENING | 12 / 24 < 7 ms | | | |
| RESPONSE TIME IN CLOSING | 12 / 24 < 3 ms | JJ < 2 ms | XX/KK < 2 ms | |
| MAXIMUM FREQUENCY | 100 Hz | 200 Hz | 300 Hz | |
| WEIGHT | 330 g | | | |
| PRODUCT LIFE EXPECTANCY | ≥ 500 M/s cycles | | | |
| IP RATING | IP 52 - IP 62 | | | |

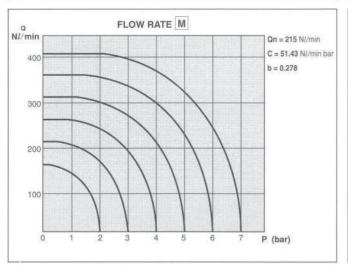






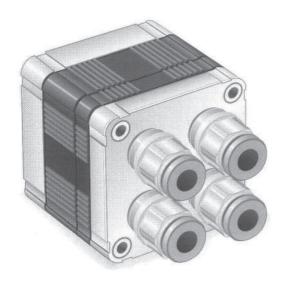


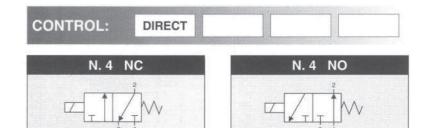




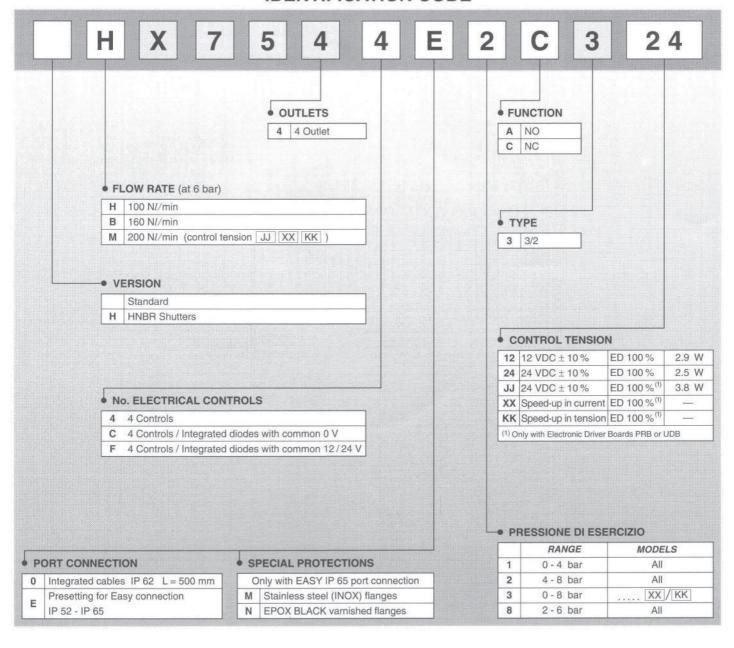
| COLOUR | 2 CONTROLS (SINGLE CABLES) | 2 CONTROLS EASY CONNCTION IP 52 |
|--------|-------------------------------|---------------------------------------|
| BLACK | COMMON | COMMON |
| BROWN | 1 - | 1 |
| RED | 2 | - |
| ORANGE | | 2 |
| | | |



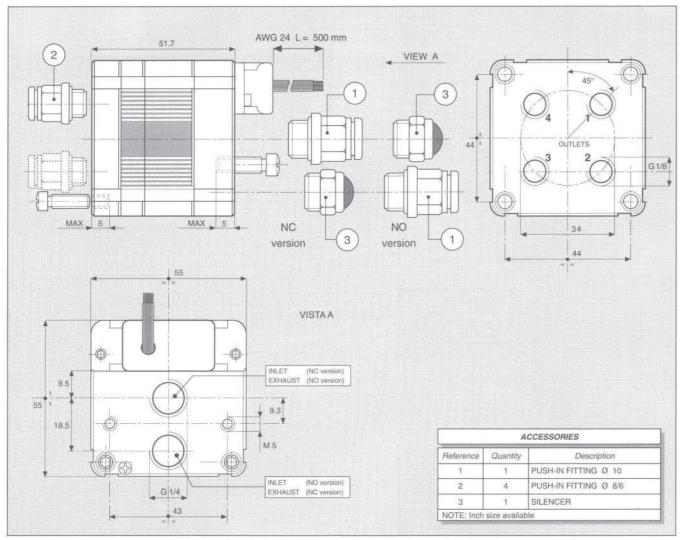


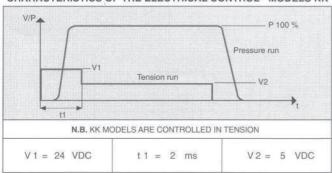


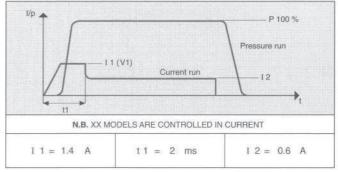
| FLUID | Non-lubricated dry air, neutral gases (-10 + 50°C | | | |
|--------------------------|---|-----------|--------------|--|
| FILTRATION RATING | Min 40 micron | | | |
| TEMPERATURE | - 10 + 50°C (Standard version) | | | |
| RESPONSE TIME IN OPENING | 12 / 24 < 7 ms | | | |
| RESPONSE TIME IN CLOSING | 12 / 24 < 3 ms | JJ < 2 ms | XX/KK < 2 ms | |
| MAXIMUM FREQUENCY | 100 Hz 200 Hz 300 Hz | | | |
| WEIGHT | 340 g | | | |
| PRODUCT LIFE EXPECTANCY | ≥ 500 M/s cycles | | | |
| IP RATING | IP 52 - IP 62 - IF | 65 | | |







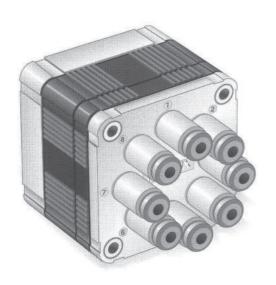


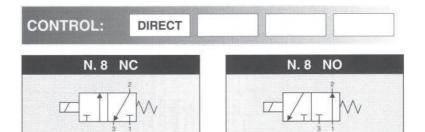


| NI/min | | Qn = 118 N//min |
|--------|-----------|----------------------|
| 240 | | C = 28.57 Ni/min bar |
| 220 | | b = 0.258 |
| 200 | | |
| 180 | | |
| 160 | | |
| 140 | | |
| 120 | N 1 1 1 | |
| 100 | 1 1 1 1 1 | |
| 80 | | |
| 60 | | \ |
| 40 | 1 1 1 1 1 | 1 |
| 20 | V V V V V | |
| 0 1 | 2 3 4 5 6 | 7 P (bar) |

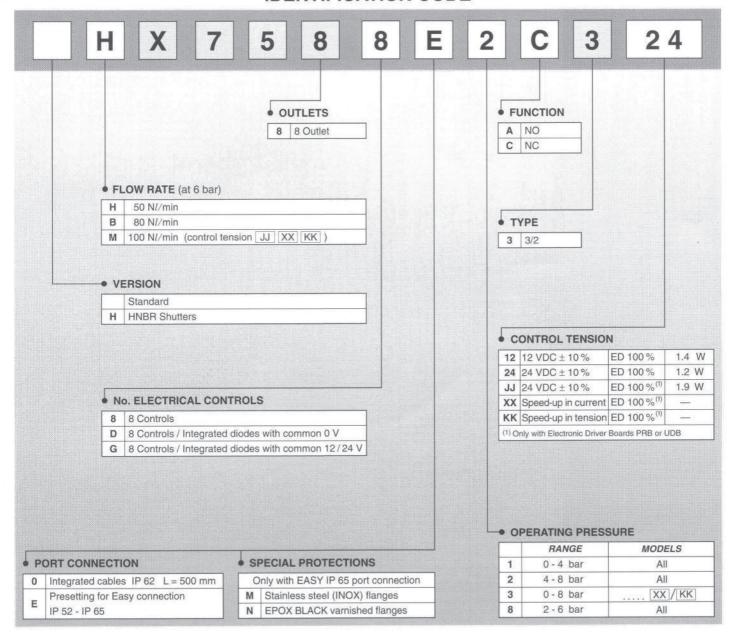
| BROWN 1 RED 2 ORANGE 3 | COLOUR | 4 CONTROLS |
|--|--------|------------|
| RED 2 ORANGE 3 | BLACK | COMMON |
| ORANGE 3 | BROWN | 1 |
| | RED | 2 |
| YELLOW 4 | ORANGE | 3 |
| | YELLOW | 4 |
| | | |
| | | |
| | | |
| | | |



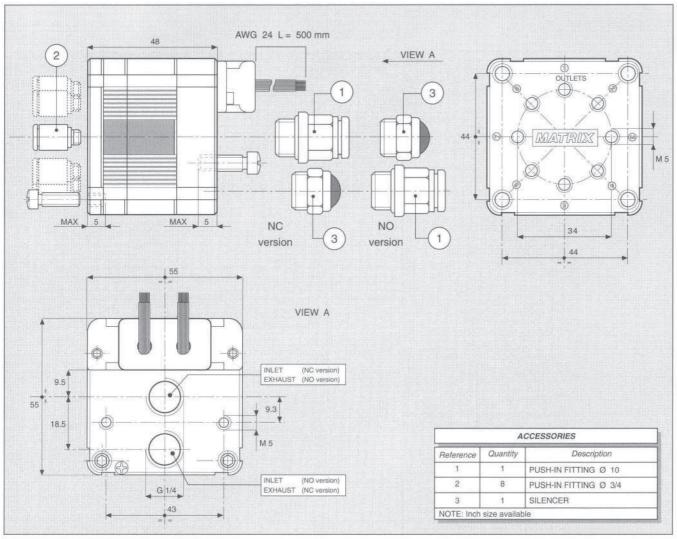


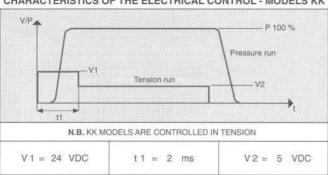


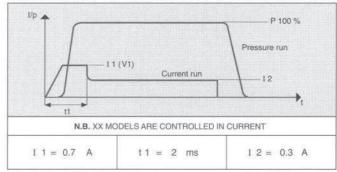
| FLUID | Non-lubricated dry air, neutral gases (-10 + 50°C | | | |
|--------------------------|---|-----------|--------------|--|
| FILTRATION RATING | Min 40 micron | | | |
| TEMPERATURE | - 10 + 50°C (Standard version) | | | |
| RESPONSE TIME IN OPENING | 12/24 < 7 ms | | | |
| RESPONSE TIME IN CLOSING | 12 / 24 < 3 ms | JJ < 2 ms | XX/KK < 2 ms | |
| MAXIMUM FREQUENCY | 100 Hz 200 Hz 300 Hz | | | |
| WEIGHT | 350 g | | | |
| PRODUCT LIFE EXPECTANCY | ≥ 500 M/s cycles | | | |
| IP RATING | IP 52 - IP 62 - IF | 65 | | |











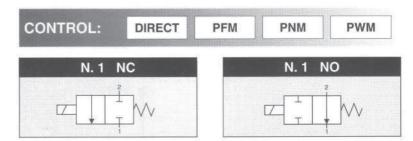
| Q II/min | | | | | Qn = 67 N//min |
|-------------|---------------|---------------|-------|---|---------------------|
| 120 | | | | | C = 15.3 N//min bar |
| 110 | | $\overline{}$ | | | b = 0.35 |
| 100 | \rightarrow | \rightarrow | | | |
| 90 | | | | | |
| 80 | | 1 | 1 | | |
| 70 | \ | // | 1 | | |
| 60 | | 1 | | | |
| 50 | 1 | 1 | + | | |
| 40 | | 11 | + | | |
| 30 | 111 | \neg | 11 11 | 1 | |
| 20 | 1 1 | 1 | 1 1 | | |
| 10 | 1 1 | 1 | 1 1 | | |

| ELEC | TRICAL | PORT | CON | NECTIO |
|------|--------|------|-----|--------|
| | | | | |

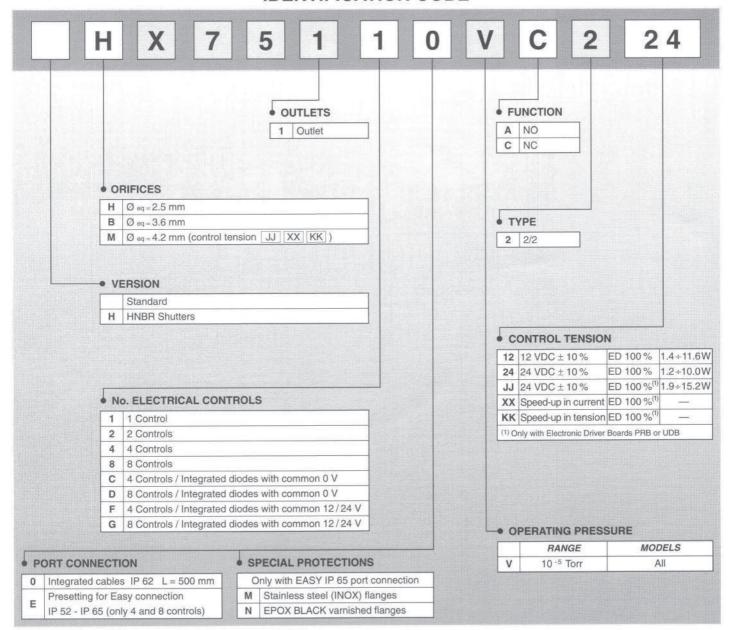
| COLOUR | 8 CONTROLS |
|--------|------------|
| BLACK | COMMON |
| BROWN | 1 |
| RED | 2 |
| ORANGE | 3 |
| YELLOW | 4 |
| GREEN | 5 |
| BLUE | 6 |
| VIOLET | 7 |
| GREY | 8 |



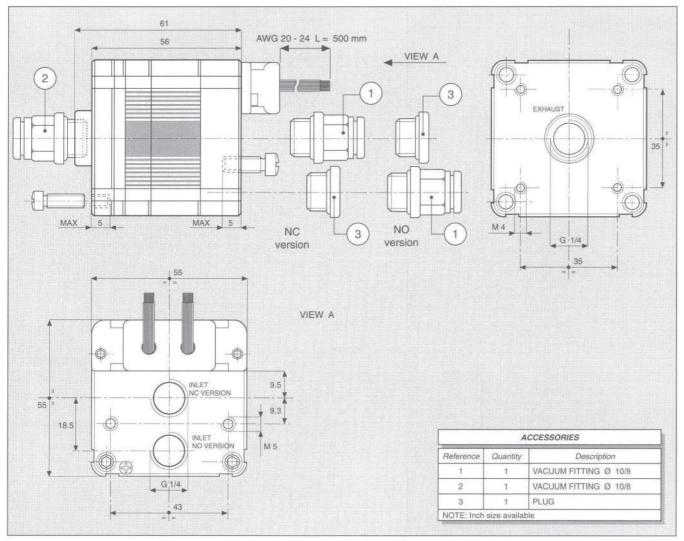


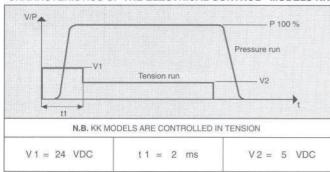


| FLUID | Non-lubricated dry air, neutral gases (-10 + 50°C) | | | |
|--------------------------|--|-----------|--------------|--|
| FILTRATION RATING | Min 40 micron | | | |
| TEMPERATURE | - 10 + 50°C (Standard version) | | | |
| RESPONSE TIME IN OPENING | 12 / 24 < 7 ms | JJ < 5 ms | XX/KK < 2 ms | |
| RESPONSE TIME IN CLOSING | 12 / 24 < 3 ms | JJ < 2 ms | XX/KK < 2 ms | |
| MAXIMUM FREQUENCY | 100 Hz | 200 Hz | 300 Hz | |
| WEIGHT | 380 g | | | |
| PRODUCT LIFE EXPECTANCY | ≥ 500 M/s cycles | | | |
| IP RATING | IP 52 - IP 62 - IP 65 | | | |

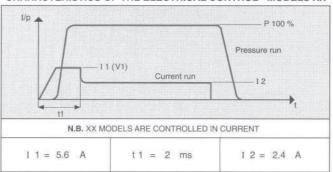








CHARACTERISTICS OF THE ELECTRICAL CONTROL - MODELS XX

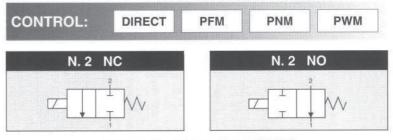


ELECTRICAL PORT CONNECTION

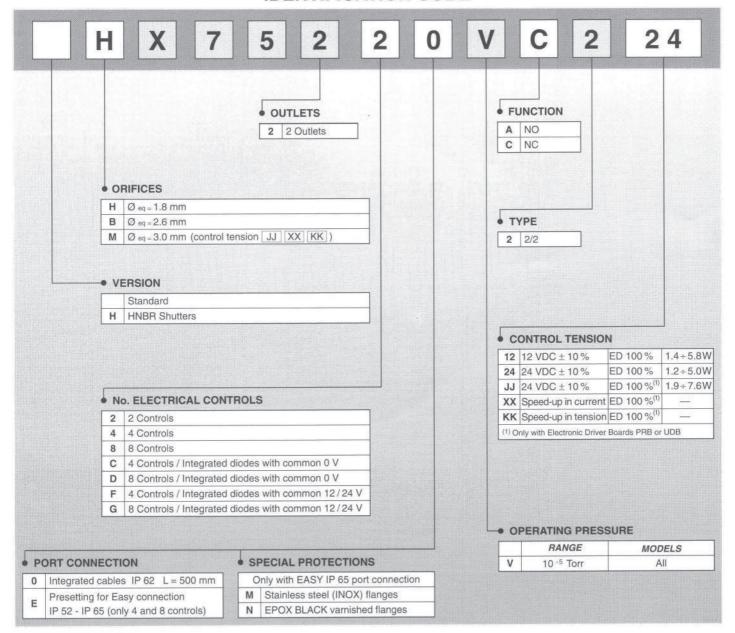
| COLOUR | 1 CONTROL | 2 CONTROLS | 4 CONTROLS | 8 CONTROLS |
|--------|-----------|------------|------------|------------|
| BLACK | COMMON | COMMON | COMMON | COMMON |
| BROWN | | 1 | 1 | 1 |
| RED | 1 | 2 | 2 | 2 |
| ORANGE | | _ | 3 | 3 |
| YELLOW | _ | - | 4 | 4 |
| GREEN | | - | - | 5 |
| BLUE | | _ | | 6 - |
| VIOLET | | - | - | 7 |
| GREY | | _ | _ | 8 |



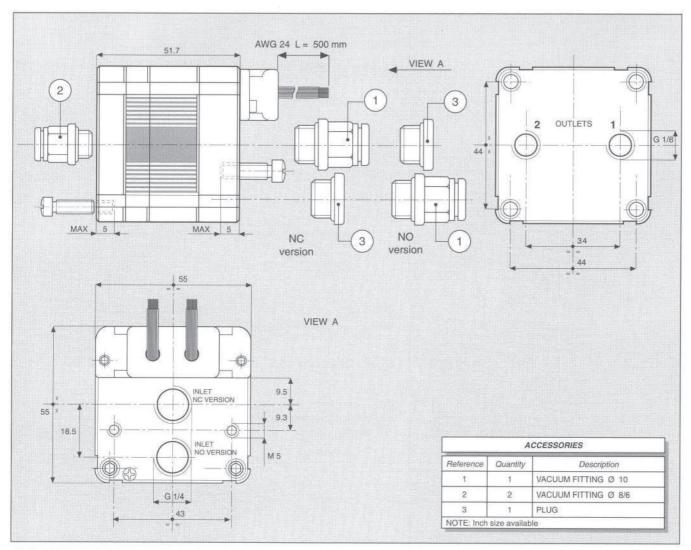


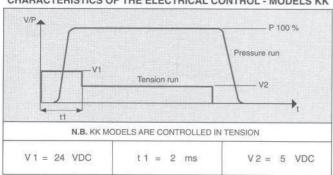


| FLUID | Non-lubricated dry air, neutral gases (-10 + 50°C) | | | |
|--------------------------|--|-----------|--------------|--|
| FILTRATION RATING | Mix 40 micron | | | |
| TEMPERATURE | - 10 + 50°C (Standard version) | | | |
| RESPONSE TIME IN OPENING | 12 / 24 < 7 ms | JJ < 5 ms | XX/KK < 2 ms | |
| RESPONSE TIME IN CLOSING | 12 / 24 < 3 ms | JJ < 2 ms | XX/KK < 2 ms | |
| MAXIMUM FREQUENCY | 100 Hz | 200 Hz | 300 Hz | |
| WEIGHT | 330 g | | | |
| PRODUCT LIFE EXPECTANCY | ≥ 500 M/s cycles | | | |
| IP RATING | IP 52 - IP 62 - IP 65 | | | |

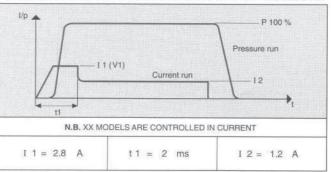








CHARACTERISTICS OF THE ELECTRICAL CONTROL - MODELS XX

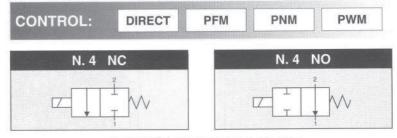


ELECTRICAL PORT CONNECTION

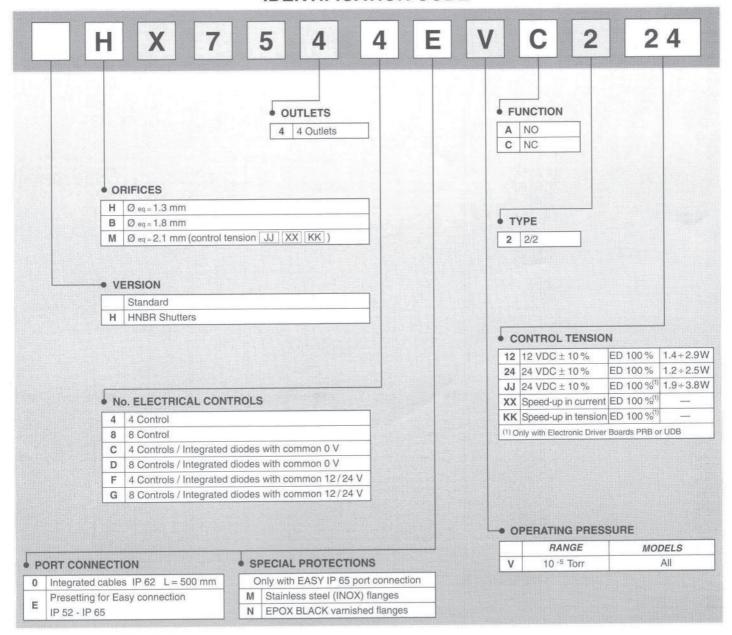
| COLOUR | 2 CONTROLS (SINGLE CABLES) | 2 CONTROLS EASY CONNECTION IP 52 | 4 CONTROLS (OUTLET) | 8 CONTROLS (OUTLET) |
|--------|-------------------------------|--|------------------------|------------------------|
| BLACK | COMMON | COMMON | COMMON | COMMON |
| BROWN | 1 | 1 | 1 (1) | 1 (1) |
| RED | 2 | | 2 (1) | 2 (1) |
| ORANGE | _ | 2 | 3 (2) | 3 (1) |
| YELLOW | | _ | 4 (2) | 4 (1) |
| GREEN | _ | | = | 5 (2) |
| BLUE | _ | | == | 6 (2) |
| VIOLET | | - | 5000 | 7 (2) |
| GREY | | _ | - | 8 (2) |



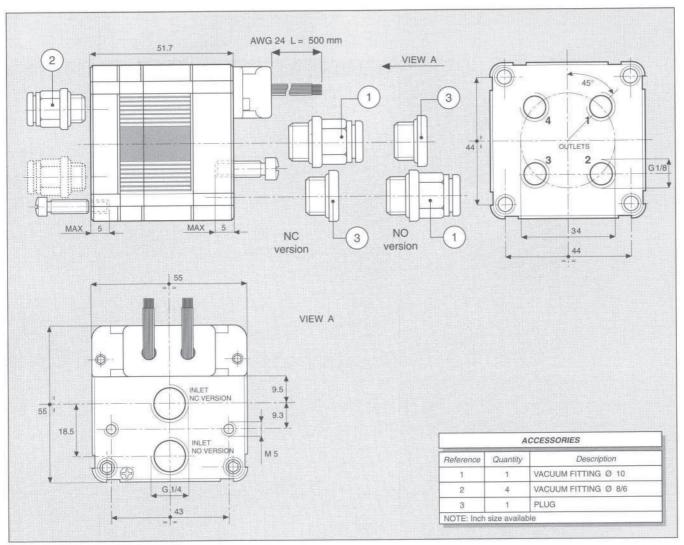


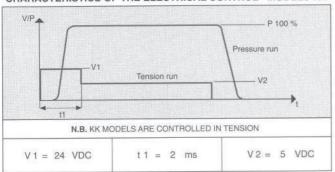


| FLUID | Non-lubricated dry air, neutral gases (-10 + 50°C) | | | |
|--------------------------|--|-----------|--------------|--|
| FILTRATION RATING | Min 40 micron | | | |
| TEMPERATURE | - 10 + 50°C (Standard version) | | | |
| RESPONSE TIME IN OPENING | 12 / 24 < 7 ms | JJ < 5 ms | XX/KK < 2 ms | |
| RESPONSE TIME IN CLOSING | 12 / 24 < 3 ms | JJ < 2 ms | XX/KK < 2 ms | |
| MAXIMUM FREQUENCY | 100 Hz | 200 Hz | 300 Hz | |
| WEIGHT | 340 g | | | |
| PRODUCT LIFE EXPECTANCY | ≥ 500 M/s cycles | | | |
| IP RATING | IP 52 - IP 62 - IP 65 | | | |

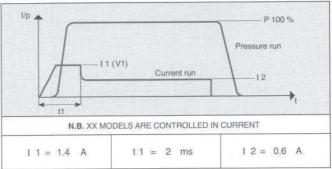








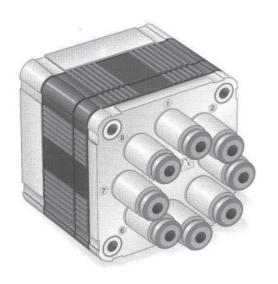
CHARACTERISTICS OF THE ELECTRICAL CONTROL - MODELS XX

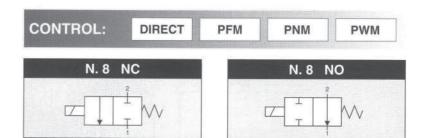


ELECTRICAL PORT CONNECTION

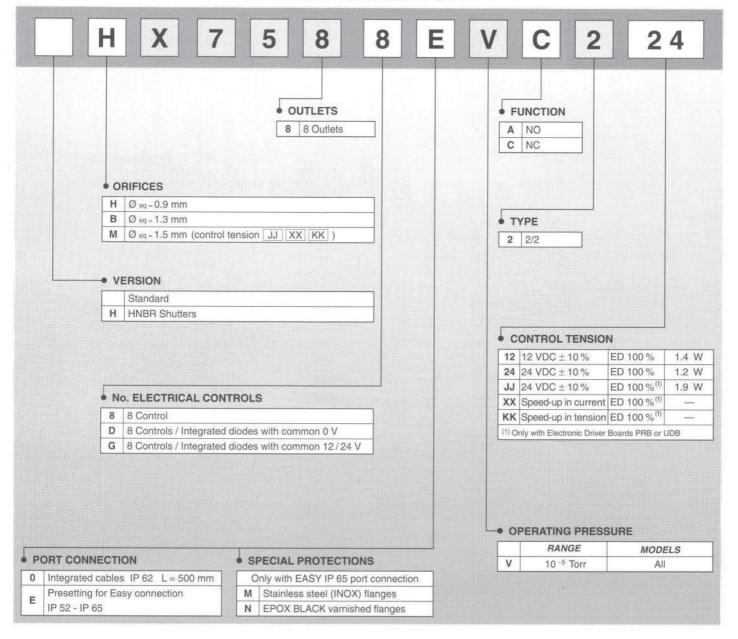
| COLOUR | 4 CONTROLS | 8 CONTROLS (OUTLET) |
|--------|------------|------------------------|
| BLACK | COMMON | COMMON |
| BROWN | 1 | 1 (1) |
| RED | 2 | 2 (1) |
| ORANGE | 3 | 3 (2) |
| YELLOW | 4 | 4 (2) |
| GREEN | _ | 5 (3) |
| BLUE | | 6 (3) |
| VIOLET | | 7 (4) |
| GREY | | 8 (4) |



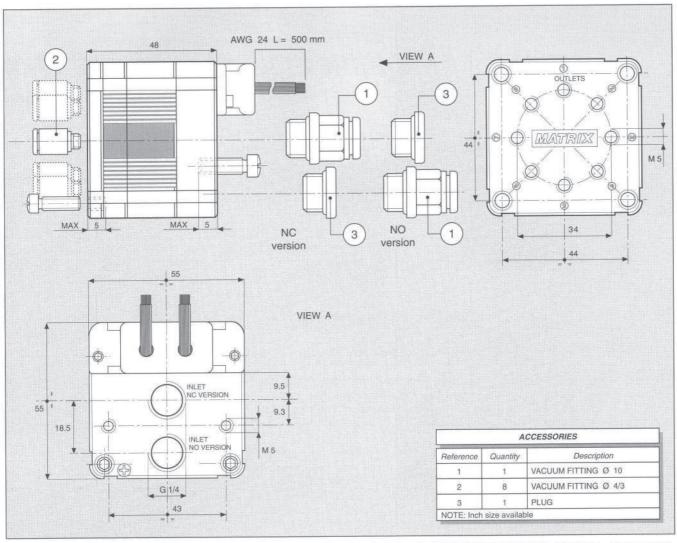


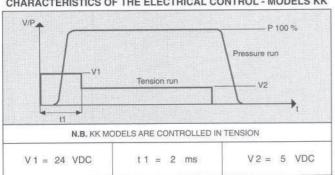


| FLUID | Non-lubricated dry air, neutral gases (-10 + 50°C) | | | |
|--------------------------|--|-----------|--------------|--|
| FILTRATION RATING | Min 40 micron | | | |
| TEMPERATURE | - 10 + 50°C (Standard version) | | | |
| RESPONSE TIME IN OPENING | 12 / 24 < 7 ms | | | |
| RESPONSE TIME IN OPENING | 12 / 24 < 3 ms | JJ < 2 ms | XX/KK < 2 ms | |
| MAXIMUM FREQUENCY | 100 Hz | 200 Hz | 300 Hz | |
| WEIGHT | 350 g | | | |
| PRODUCT LIFE EXPECTANCY | ≥ 500 M/s cycles | | | |
| IP RATING | IP 52 - IP 62 - IP 65 | | | |

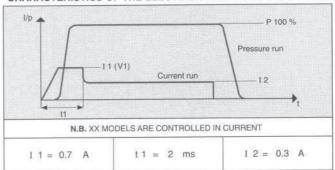








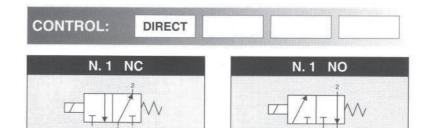
CHARACTERISTICS OF THE ELECTRICAL CONTROL - MODELS XX



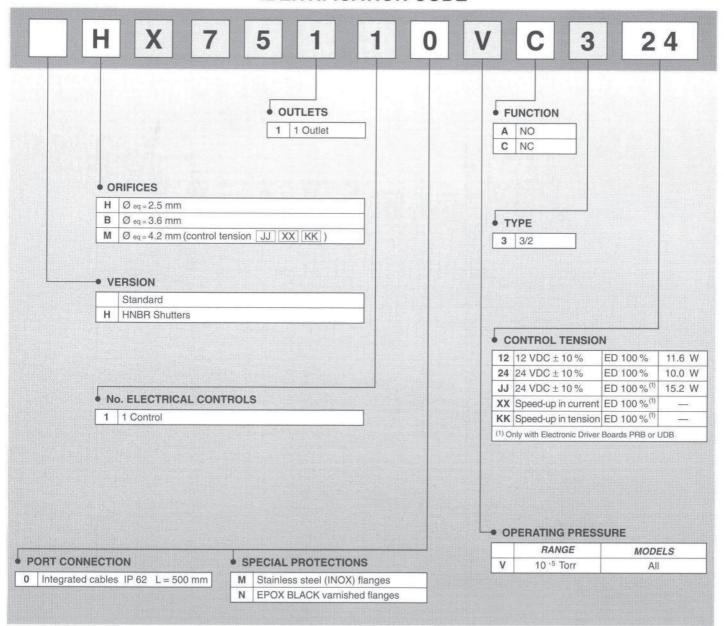
| COLOUR | 8 CONTROLS |
|--------|------------|
| BLACK | COMMON |
| BROWN | 1 |
| RED | 2 |
| ORANGE | 3 |
| YELLOW | 4 |
| GREEN | 5 |
| BLUE | 6 |
| VIOLET | 7 |
| GREY | 8 |
| | |



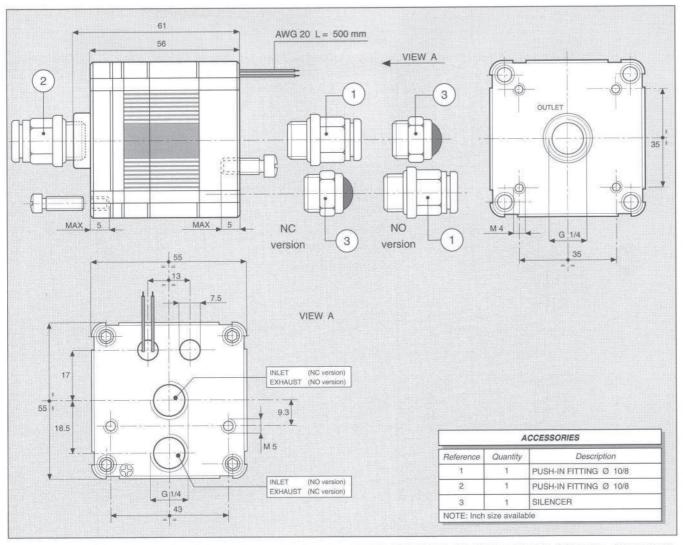


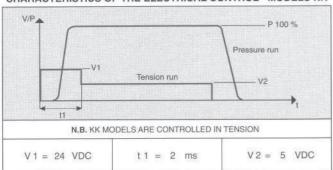


| FLUID | Non-lubricated dry air, neutral gases (-10 + 50°C | | |
|--------------------------|---|-----------|--------------|
| FILTRATION RATING | Min 40 micron | | |
| TEMPERATURE | - 10 + 50°C (Standard version) | | |
| RESPONSE TIME IN OPENING | 12 / 24 < 7 ms | JJ < 5 ms | XX/KK < 2 ms |
| RESPONSE TIME IN CLOSING | 12 / 24 < 3 ms | JJ < 2 ms | XX/KK < 2 ms |
| MAXIMUM FREQUENCY | 100 Hz | 200 Hz | 300 Hz |
| WEIGHT | 380 g | | |
| PRODUCT LIFE EXPECTANCY | ≥ 500 M/s cycles | 5 | |
| IP RATING | IIP 62 | | |

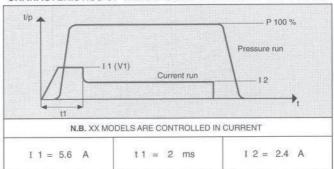








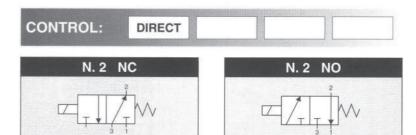
CHARACTERISTICS OF THE ELECTRICAL CONTROL - MODELS XX



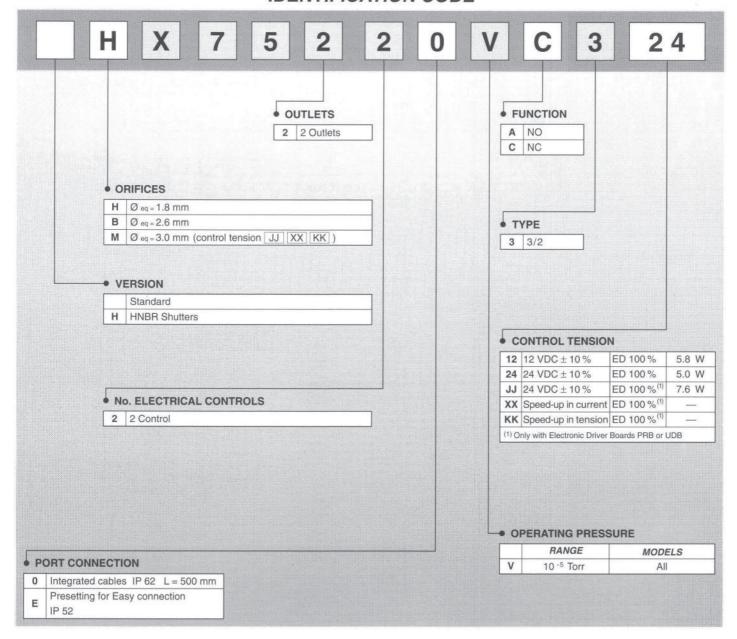
| COLOUR | 1 CONTROL |
|--------|-----------|
| BLACK | COMMON |
| RED | 1 |
| | |
| | |
| | |
| | |
| | |
| | |
| | |



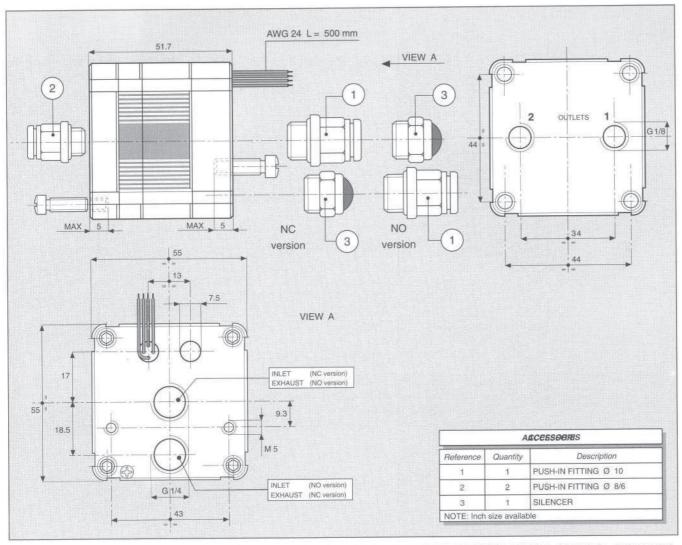


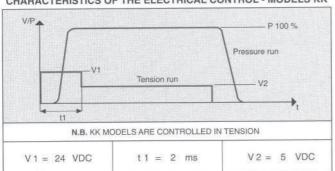


| Non-Jubricated di | ny air neutral o | 200 (_10 + 50°C) |
|--------------------------------|--|--|
| Min 40 micron | | |
| - 10 + 50°C (Standard version) | | |
| 12 / 24 < 7 ms | JJ < 5 ms | XX/KK < 2 ms |
| 12 / 24 < 3 ms | JJ < 2 ms | XX/KK < 2 ms |
| 100 Hz | 200 Hz | 300 Hz |
| 330 g | | |
| ≥ 500 M/s cycles | | |
| IP 52 - IP 62 | | |
| | Min 40 micron - 10 + 50°C (Sta 12 / 24 < 7 ms 12 / 24 < 3 ms 100 Hz 330 g ≥ 500 M/s cycles | - 10 + 50°C (Standard version) 12 / 24 < 7 ms |

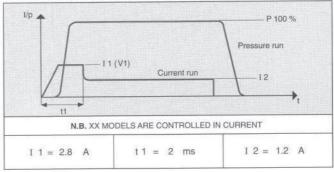






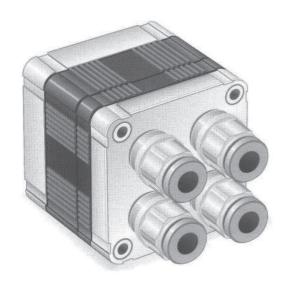


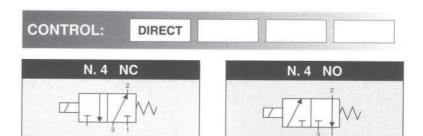
CHARACTERISTICS OF THE ELECTRICAL CONTROL - MODELS XX



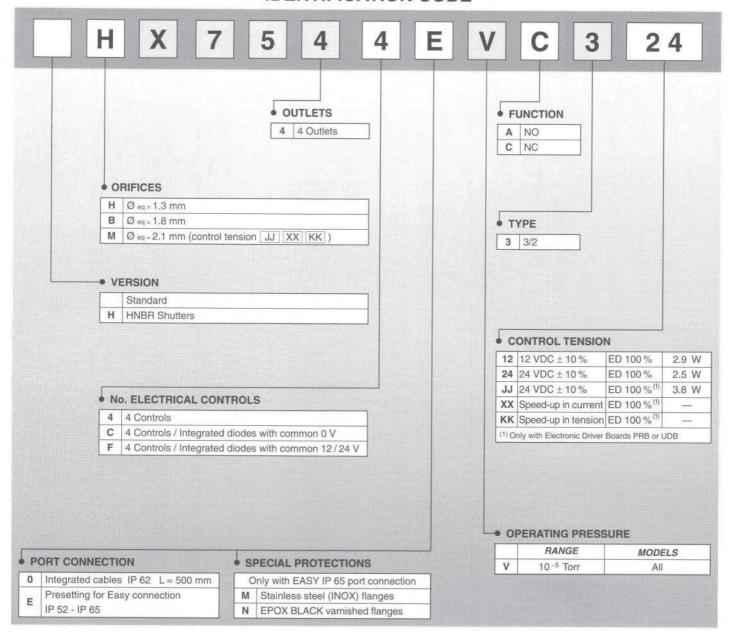
| COLOUR | 2 CONTROL (SINGLE CABLES) | 2 CONTROL EASY CONNECTION IP 52 |
|--------|------------------------------|---------------------------------------|
| BLACK | COMMON | COMMON |
| BROWN | 1 | 1 |
| RED | 2 | |
| ORANGE | | 2 |
| | | |
| | | |
| | | |
| | | |



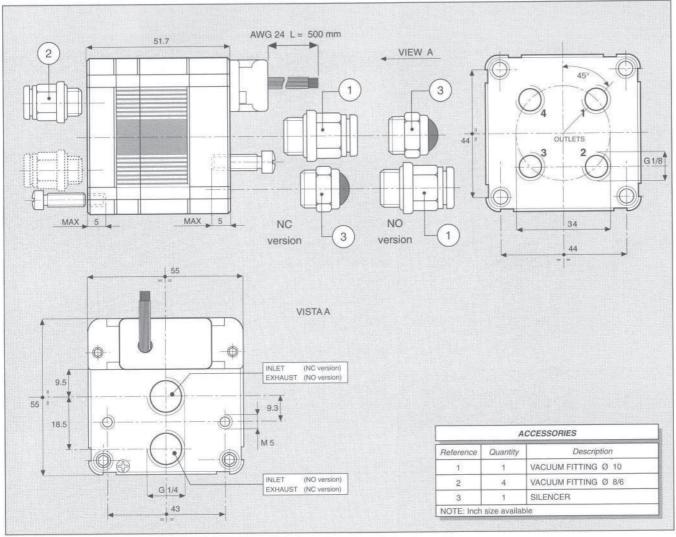


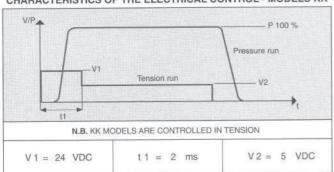


| FLUID | Non-lubricated dry air, neutral gases (-10 + 50°C | | |
|--------------------------|---|-----------|--------------|
| FILTRATION RATING | Min 40 micron | | |
| TEMPERATURE | - 10 + 50°C (Standard version) | | |
| RESPONSE TIME IN OPENING | 12 / 24 < 7 ms | JJ < 5 ms | XX/KK < 2 ms |
| RESPONSE TIME IN CLOSING | 12 / 24 < 3 ms | JJ < 2 ms | XX/KK < 2 ms |
| MAXIMUM FREQUENCY | 100 Hz | 200 Hz | 300 Hz |
| WEIGHT | 340 g | | |
| PRODUCT LIFE EXPECTANCY | ≥ 500 M/s cycles | | |
| IP RATING | IP 52 - IP 62 - IP 65 | | |

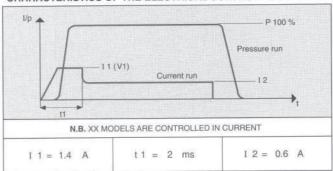






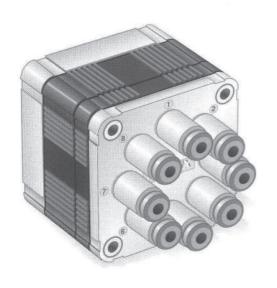


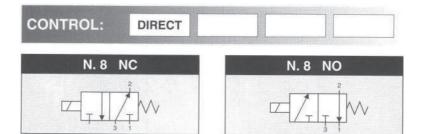
CHARACTERISTICS OF THE ELECTRICAL CONTROL - MODELS XX



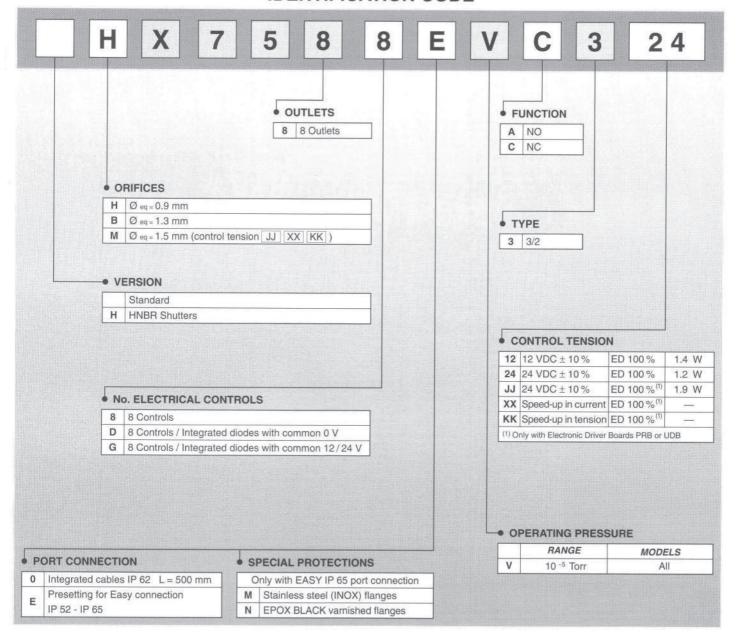
| COLOUR | 4 CONTROL |
|--------|-----------|
| BLACK | COMMON |
| BROWN | 1 |
| RED | 2 |
| ORANGE | 3 |
| YELLOW | 4 |
| | |
| | |
| | |
| | |
| | |



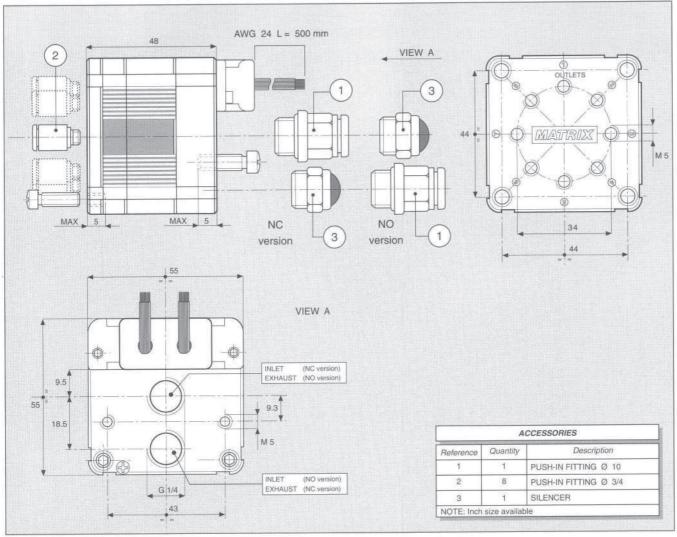




| FLUID | Non-lubricated dry air, neutral gases (-10 + 50°C | | |
|--------------------------|---|-----------|--------------|
| FILTRATION RATING | Min 40 micron | | |
| TEMPERATURE | - 10 + 50°C (Standard version) | | |
| RESPONSE TIME IN OPENING | 12 / 24 < 7 ms | JJ < 5 ms | XX/KK < 2 ms |
| RESPONSE TIME IN CLOSING | 12 / 24 < 3 ms | JJ < 2 ms | XX/KK < 2 ms |
| MAXIMUM FREQUENCY | 100 Hz | 200 Hz | 300 Hz |
| WEIGHT | 350 g | | |
| PRODUCT LIFE EXPECTANCY | ≥ 500 M/s cycles | | |
| IP RATING | IP 52 - IP 62 - IP 65 | | |

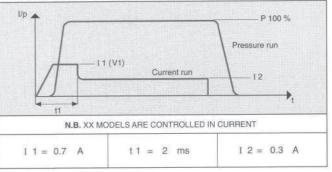






V/P V1 Tension run V2 N.B. KK MODELS ARE CONTROLLED IN TENSION V1 = 24 VDC t1 = 2 ms V2 = 5 VDC

CHARACTERISTICS OF THE ELECTRICAL CONTROL - MODELS XX



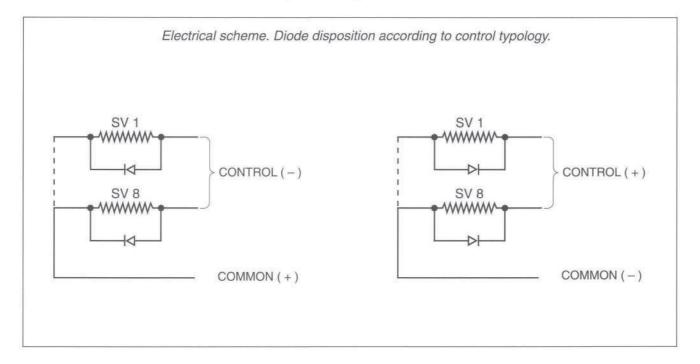
| COLOUR | 8 CONTROLS |
|--------|------------|
| BLACK | COMMON |
| BROWN | 1 |
| RED | 2 |
| ORANGE | 3 |
| YELLOW | 4 |
| GREEN | 5 |
| BLUE | 6 |
| VIOLET | 7 |
| GREY | 8 |

Integrated anti-disturbance diodes (surge voltage suppressor) 750 Series

When you interrupt feeding in an inductive circuit, the magnetic energy stored in the core zeroes. In the spire of the coil, this variation produces a contro-electromotor force, the polarity of which is inverse to that of feeding. In some cases the peak-value of this induced tension can result high and cause electromagnetic disturbance. It can also affect negatively the integrity of the driver and the insulation of the coil itself. The use of anti-disturbance diodes eliminates these phenomena.

Marginal note

Anti-disturbance diodes limit the maximum operative frequency of solenoid valves to 50 Hz.



Models available with anti-disturbance diodes

Almost all 750 series models in the catalogue can be equipped with anti-disturbance diodes which are integrated in the valve.

In this series single control models and all speed-up control versions are an exception.

How to order solenoid valves with anti-disturbance diodes. Control typologies



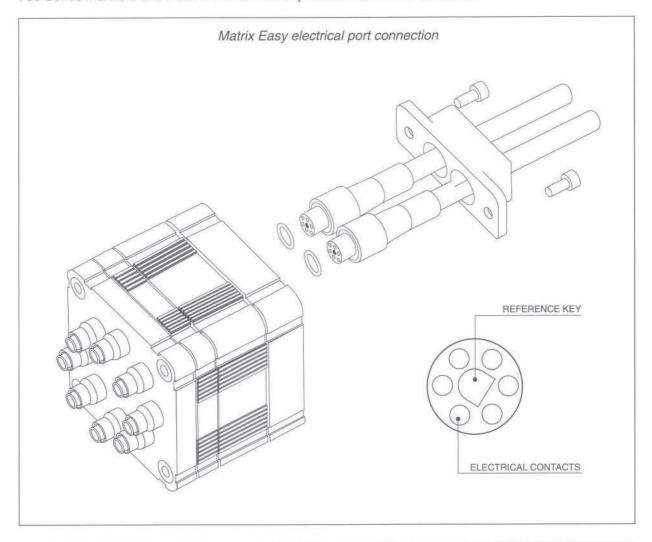
N. ELECTRICAL CONTROLS

- C 4 Controls / Integrated diodes with common 0 Volt
- D 8 Controls / Integrated diodes with common 0 Volt
- F 4 Controls / Integrated diodes with common 12/24 Volt
- G 8 Controls / Integrated diodes with common 12/24 Volt

Matrix Easy electrical port connection - 750 Series

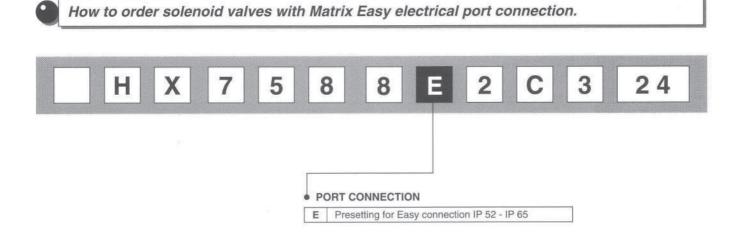
Matrix Easy port connection is suitable to use a wide range of cables which are expressly developed for 750 Series and it allows to obtain different levels of protection according to CEI EN 60947 and CEI 60529 norms

The port connection also allows a significant simplification of electrical connections, it is consistent with 750 Series manifold and it can interface with expansion modules of this series.

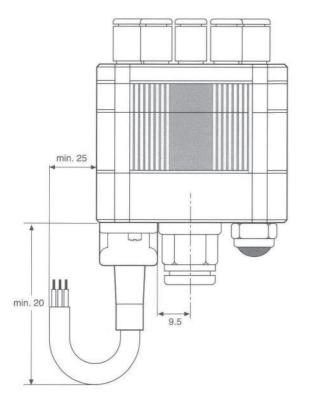


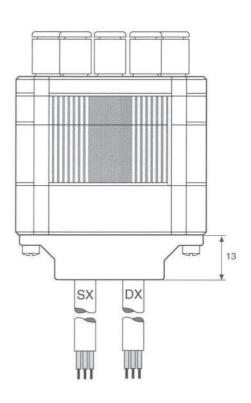
Models available with Matrix Easy electrical port connection

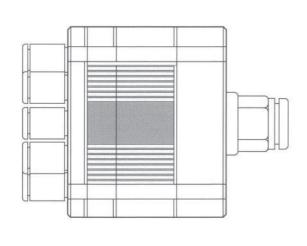
750 Series models can be equipped with Matrix Easy electrical port connection (6 poles with reference key).

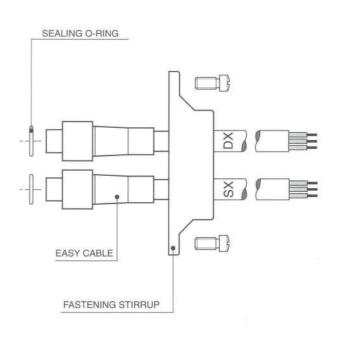


Matrix Easy electrical port connection - 750 Series









Easy IP 65 port connection cables - 750 Series

Protection rate means the intrinsic capability of electrical equipment under tension to protect and protect itself against solid bodies and water. Such protection rate is identified with the IP abbreviation followed by 2 numbers whose relative definition is established by CEI EN 60947 and CEI 60529 norms. The first number, from 0 to 6, classifies the protection against solid bodies, the second one, from 0 to 8, the protection against water.

Protection rates of Easy IP 65 port connection cables follow:

| | Protection rate of coverings against solid bodies and water. | | |
|---|--|---|--|
| 6 | Totally protected against dust | Dust penetration is not admitted | |
| 5 | Protected against water jets | Water jets thrown on the covering from all directions, must not cause damaging effects. | |

Models available with IP 65 port connection cables

750 Series models come with Matrix Easy port connection and can be equipped with IP 65 cables.

| Characteristics of IP 65 cable - UL 1581 and UL 758 norms | | |
|---|--|--|
| Type of port connection on valve | Matrix Easy 6 poles | |
| Cable diameter | 6.5 mm | |
| Maximum temperature use | 105° C for PVC - Class 43 (Style 2517) 80° C for polyurethane (Style 20235) | |
| Insulation | 300 Volt | |
| Resistance against oil | ASTM 2 at 60° C | |



How to order IP 65 port connection cables - Length and endings (see following page)

Cables come with assembly kit composed of fastening stirrup, fastening screws and sealing O-rings. For 4 electrical-control valves the kit is composed of a single cable. For 8 electrical-control valves the kit is composed of two cables.

1.1 Ending with soldered threads cable - 4 electrical-control valves (1 cable)

| Cable length | PVC | POLYURETHANE |
|--------------|----------------|----------------|
| 1.000 mm | cod. 868.851 J | |
| 2.000 mm | cod. 868.854 M | cod. 868.883 P |
| 3.000 mm | cod. 868.855 N | |
| 4.000 mm | | cod. 868.884 Q |

1.2 Ending with soldered threads cable - 8 electrical-control valves (2 cables)

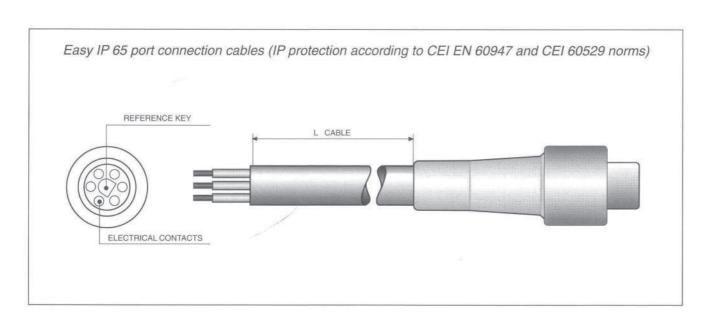
| Cable length | PVC | POLYURETHANE |
|--------------|----------------|----------------|
| 1.000 mm | cod. 868.850 I | |
| 2.000 mm | cod. 868.852 K | cod. 868.885 R |
| 3.000 mm | cod. 868.853 L | |
| 4.000 mm | | cod. 868.886 S |

2.1 Ending with Sub-D 15 poles connector - 4 electrical-control valves (2 cables)

| Cable length | PVC | |
|--------------|----------------|--|
| 1.000 mm | cod. 868.858 Q | |
| 2.000 mm | cod. 868.859 R | |
| 3.000 mm | cod. 868.861 T | |

2.2 Ending with Sub D 15 poles connector - 8 electrical-control valves (2 cables)

| Cable length | PVC | |
|--------------|----------------|--|
| 1.000 mm | cod. 868.856 O | |
| 2.000 mm | cod. 868.857 P | |
| 3.000 mm | cod. 868.860 S | |



Easy IP 52 port connection cables - 750 Series

This series guarantees an IP 52 protection level according to CEI EN 60947 and CEI 60529 norms and it is consistent with all 750 Series models that come with Matrix Easy port connection. Protection rates of Easy IP 52 port connection cables follow:

| Protection rate of coverings against solid bodies and water | | | |
|---|---|--|--|
| 5 | Protected against dust | Dust penetration is not totally excluded but du must not penetrate in such a quantity that cou damage the good working of the equipment jeopardise its safety. | |
| 2 | Protected against vertical fall of water drops with an inclination of the covering until 15°. | The water drops which fall vertically must not cause damaging effects when the covering is inclined until 15° in comparison with its vertical position. | |

Characteristics of IP 52 cable - UL 1569 norms

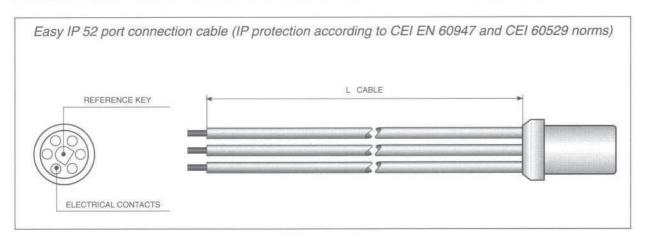
| Type of port connection on valve | Matrix Easy 6 poles | |
|----------------------------------|--------------------------|--|
| Threads diameter | 1.4 mm | |
| Conductor diameter | AWG 24 | |
| Maximum temperature use | 105° C | |
| Insulation | 300 Volt | |
| Covering threads | PVC (polyvinyl chloride) | |



How to order Easy IP 52 port connection cables - Available lengths

Ending with soldered threads cable - 2, 4 and 8 electrical control valves

| Cable length | 2 Controls | 4 Controls | 8 Controls |
|--------------|----------------|----------------|----------------|
| 500 mm | cod. 868.870 C | cod. 868.871 D | cod. 868.872 E |
| 1.000 mm | cod. 868.873 F | cod. 868.875 H | cod. 868.877 J |
| 2.000 mm | cod. 868.874 G | cod. 868.876 I | cod. 868.878 K |
| 3.000 mm | cod. 868.845 D | cod. 868.880 M | cod. 868.881 N |



Manifold - 750 Series

Manifolds for multiple installing represent a fast and safe system of fastening and connection for all 750 Series models.

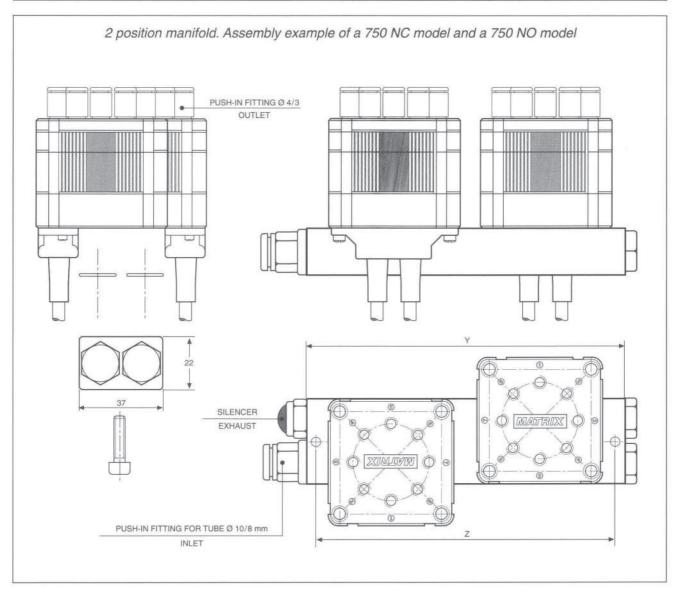
They are suitable for the rationalisation of complex pneumatic systems thanks to their simplicity of the assembly and their total modularity.

Manifolds are available for patterns from 2 to 8 solenoid valves of 750 series and are consistent with Matrix Easy electrical port connection and cables. They come in kit with fastening screws, push-in fittings and sealing O-Rings.

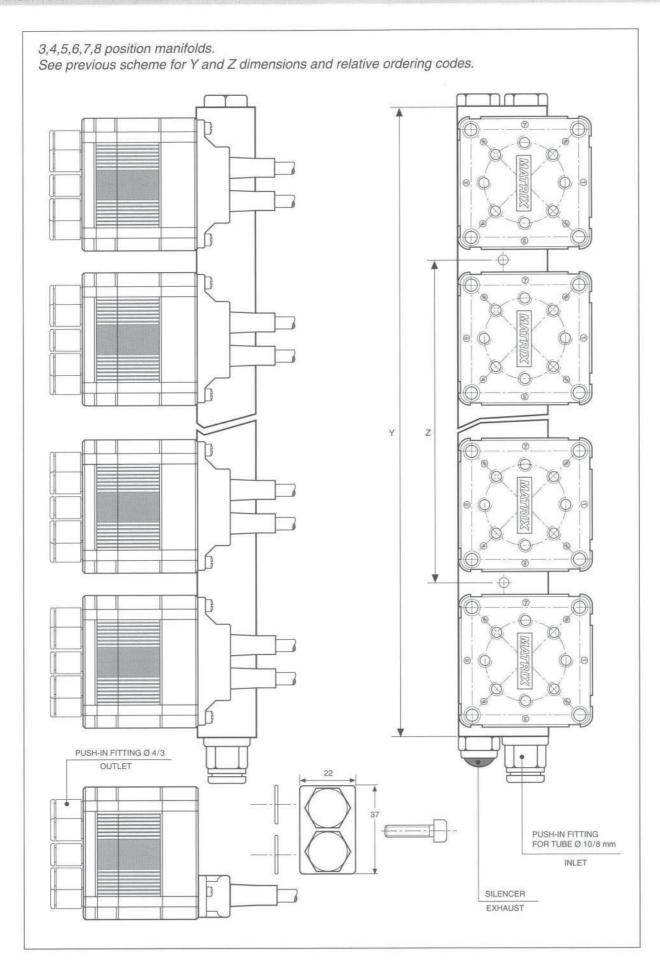
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How to order Manifolds - Available patterns

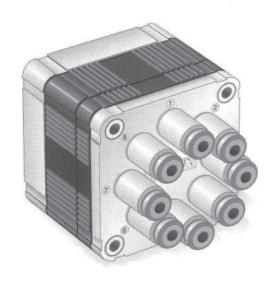
| Pattern | Kid code | Y(mm) | Z (mm) |
|-----------------------|-----------|-------|--------|
| no. 2 Solenoid valves | 868.950 E | 140 | 130 |
| no. 3 Solenoid valves | 868.951 F | 195 | 65 |
| no. 4 Solenoid valves | 868.952 G | 260 | 130 |
| no. 5 Solenoid valves | 868.953 H | 325 | 195 |
| no. 6 Solenoid valves | 868.954 I | 390 | 260 |
| no. 7 Solenoid valves | 868.955 J | 455 | 325 |
| no. 8 Solenoid valves | 868.956 K | 520 | 390 |

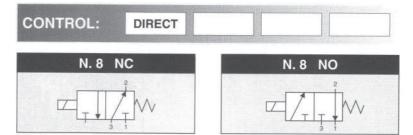


Manifold - 750 Series

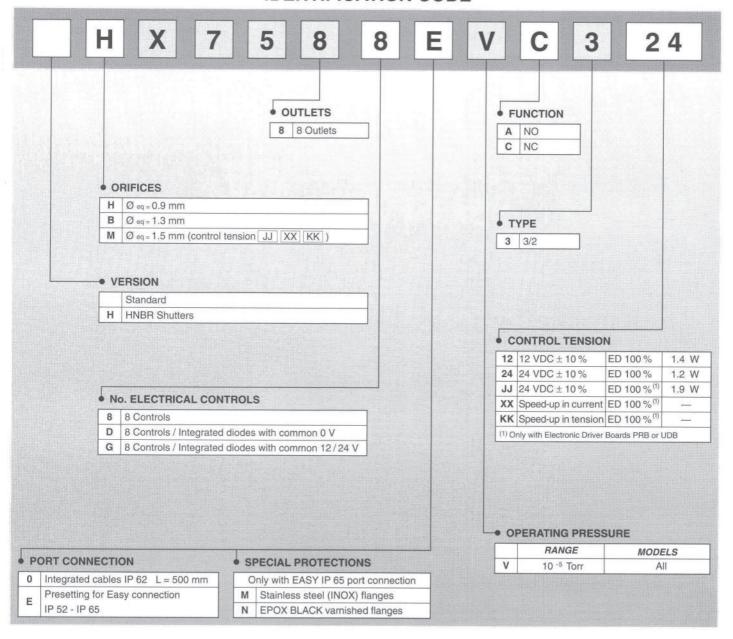




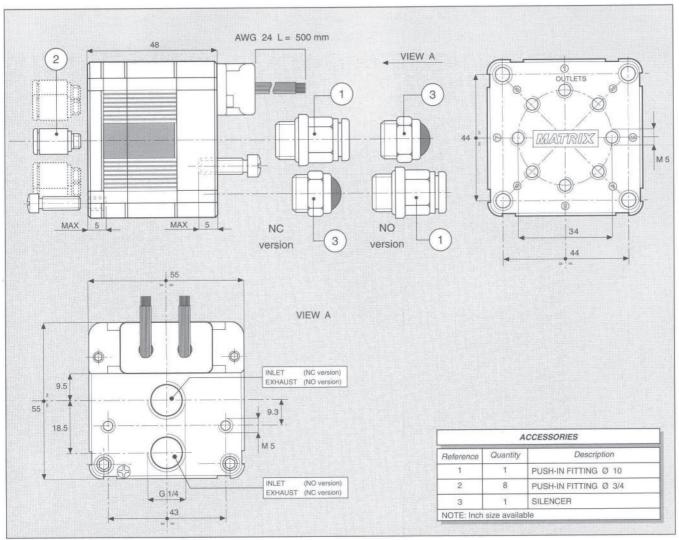




| FLUID | Non-lubricated dry air, neutral gases (-10 + 50°C) | | |
|--------------------------|--|-----------|--------------|
| FILTRATION RATING | Min 40 micron | | |
| TEMPERATURE | - 10 + 50°C (Standard version) | | |
| RESPONSE TIME IN OPENING | 12 / 24 < 7 ms | JJ < 5 ms | XX/KK < 2 ms |
| RESPONSE TIME IN CLOSING | 12 / 24 < 3 ms | JJ < 2 ms | XX/KK < 2 ms |
| MAXIMUM FREQUENCY | 100 Hz | 200 Hz | 300 Hz |
| WEIGHT | 350 g | | |
| PRODUCT LIFE EXPECTANCY | ≥ 500 M/s cycles | | |
| IP RATING | IP 52 - IP 62 - IP 65 | | |

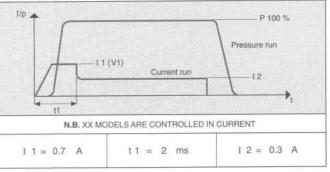






V/P V1 Tension run V2 N.B. KK MODELS ARE CONTROLLED IN TENSION V1 = 24 VDC t1 = 2 ms V2 = 5 VDC

CHARACTERISTICS OF THE ELECTRICAL CONTROL - MODELS XX



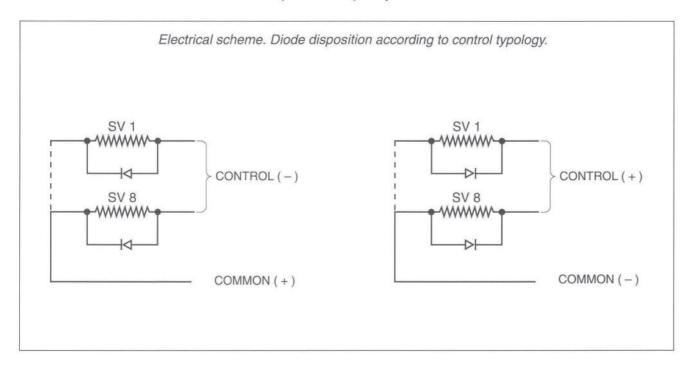
| COLOUR | 8 CONTROLS |
|--------|------------|
| BLACK | COMMON |
| BROWN | 1 |
| RED | 2 |
| ORANGE | 3 |
| YELLOW | 4 |
| GREEN | 5 |
| BLUE | 6 |
| VIOLET | 7 |
| GREY | 8 |

Integrated anti-disturbance diodes (surge voltage suppressor) 750 Series

When you interrupt feeding in an inductive circuit, the magnetic energy stored in the core zeroes. In the spire of the coil, this variation produces a contro-electromotor force, the polarity of which is inverse to that of feeding. In some cases the peak-value of this induced tension can result high and cause electromagnetic disturbance. It can also affect negatively the integrity of the driver and the insulation of the coil itself. The use of anti-disturbance diodes eliminates these phenomena.

Marginal note

Anti-disturbance diodes limit the maximum operative frequency of solenoid valves to 50 Hz.



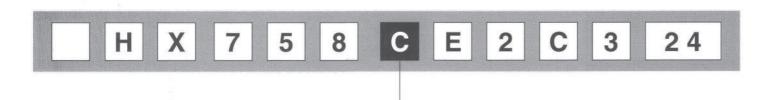
Models available with anti-disturbance diodes

Almost all 750 series models in the catalogue can be equipped with anti-disturbance diodes which are integrated in the valve.

In this series single control models and all speed-up control versions are an exception.

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How to order solenoid valves with anti-disturbance diodes. Control typologies



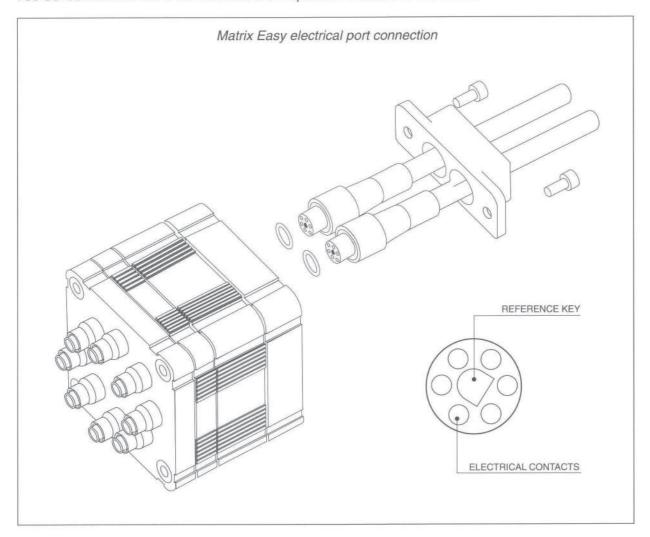
N. ELECTRICAL CONTROLS

- C 4 Controls / Integrated diodes with common 0 Volt
- D 8 Controls / Integrated diodes with common 0 Volt
- F 4 Controls / Integrated diodes with common 12/24 Volt
- G 8 Controls / Integrated diodes with common 12 / 24 Volt

Matrix Easy electrical port connection - 750 Series

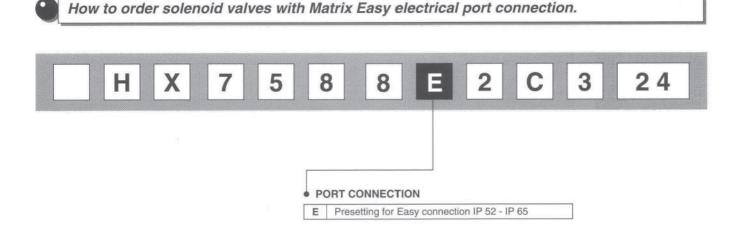
Matrix Easy port connection is suitable to use a wide range of cables which are expressly developed for 750 Series and it allows to obtain different levels of protection according to CEI EN 60947 and CEI 60529 norms

The port connection also allows a significant simplification of electrical connections, it is consistent with 750 Series manifold and it can interface with expansion modules of this series.

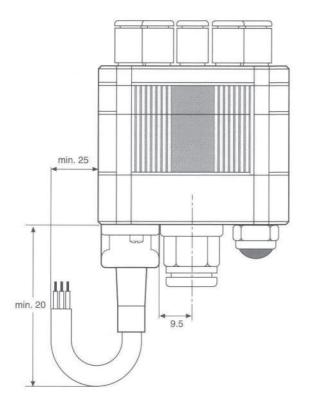


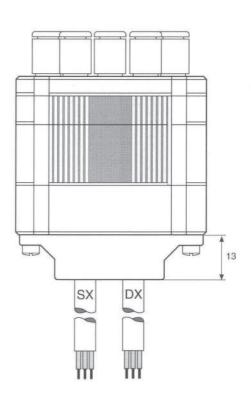
Models available with Matrix Easy electrical port connection

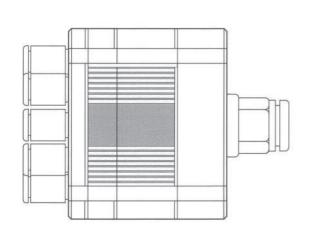
750 Series models can be equipped with Matrix Easy electrical port connection (6 poles with reference key).

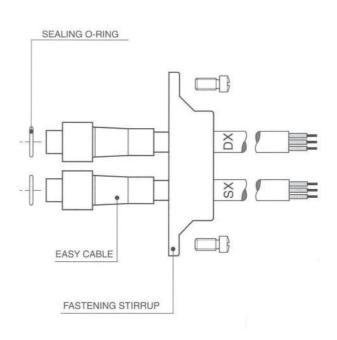


Matrix Easy electrical port connection - 750 Series









Easy IP 65 port connection cables - 750 Series

Protection rate means the intrinsic capability of electrical equipment under tension to protect and protect itself against solid bodies and water. Such protection rate is identified with the IP abbreviation followed by 2 numbers whose relative definition is established by CEI EN 60947 and CEI 60529 norms. The first number, from 0 to 6, classifies the protection against solid bodies, the second one, from 0 to 8, the protection against water.

Protection rates of Easy IP 65 port connection cables follow:

| | Protection rate of coverings against solid bodies and water. | | |
|---|--|---|--|
| 6 | Totally protected against dust | Dust penetration is not admitted | |
| 5 | Protected against water jets | Water jets thrown on the covering from all directions, must not cause damaging effects. | |

Models available with IP 65 port connection cables

750 Series models come with Matrix Easy port connection and can be equipped with IP 65 cables.

| Characteristics of IP 65 cable - UL 1581 and UL 758 norms | | |
|---|--|--|
| Type of port connection on valve | Matrix Easy 6 poles | |
| Cable diameter | 6.5 mm | |
| Maximum temperature use | 105° C for PVC - Class 43 (Style 2517) 80° C for polyurethane (Style 20235) | |
| Insulation | 300 Volt | |
| Resistance against oil | ASTM 2 at 60° C | |



How to order IP 65 port connection cables - Length and endings (see following page)

Cables come with assembly kit composed of fastening stirrup, fastening screws and sealing O-rings. For 4 electrical-control valves the kit is composed of a single cable. For 8 electrical-control valves the kit is composed of two cables.

1.1 Ending with soldered threads cable - 4 electrical-control valves (1 cable)

| Cable length | PVC | POLYURETHANE |
|--------------|----------------|----------------|
| 1.000 mm | cod. 868.851 J | |
| 2.000 mm | cod. 868.854 M | cod. 868.883 P |
| 3.000 mm | cod. 868.855 N | |
| 4.000 mm | | cod. 868.884 Q |

1.2 Ending with soldered threads cable - 8 electrical-control valves (2 cables)

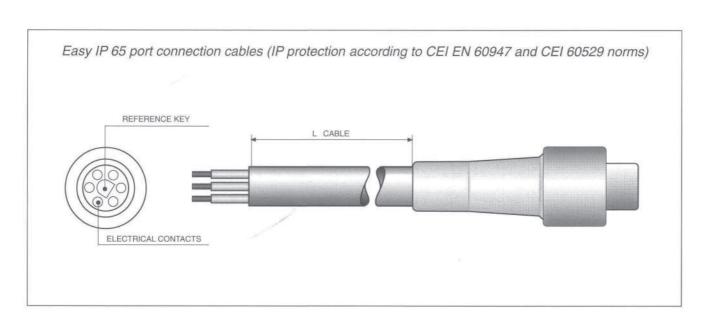
| Cable length | PVC | POLYURETHANE |
|--------------|----------------|----------------|
| 1.000 mm | cod. 868.850 I | |
| 2.000 mm | cod. 868.852 K | cod. 868,885 R |
| 3.000 mm | cod. 868.853 L | |
| 4.000 mm | | cod. 868.886 S |

2.1 Ending with Sub-D 15 poles connector - 4 electrical-control valves (2 cables)

| Cable length | PVC | |
|--------------|----------------|--|
| 1.000 mm | cod. 868.858 Q | |
| 2.000 mm | cod. 868.859 R | |
| 3.000 mm | cod. 868.861 T | |

2.2 Ending with Sub D 15 poles connector - 8 electrical-control valves (2 cables)

| Cable length | PVC | |
|--------------|----------------|--|
| 1.000 mm | cod. 868.856 O | |
| 2.000 mm | cod. 868.857 P | |
| 3.000 mm | cod. 868.860 S | |



Easy IP 52 port connection cables - 750 Series

This series guarantees an IP 52 protection level according to CEI EN 60947 and CEI 60529 norms and it is consistent with all 750 Series models that come with Matrix Easy port connection. Protection rates of Easy IP 52 port connection cables follow:

| | Protection rate of coverings | against solid bodies and water |
|---|---|--|
| 5 | Protected against dust | Dust penetration is not totally excluded but dust must not penetrate in such a quantity that could damage the good working of the equipment of jeopardise its safety. |
| 2 | Protected against vertical fall of water drops with an inclination of the covering until 15°. | The water drops which fall vertically must not cause damaging effects when the covering is inclined until 15° in comparison with its vertical position |

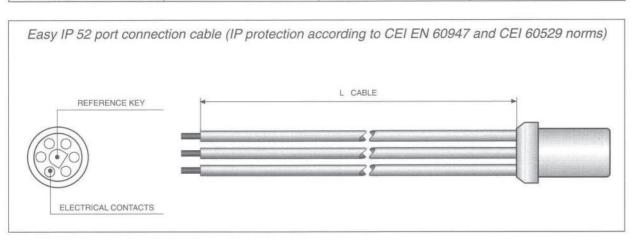
Type of port connection on valve Matrix Easy 6 poles Threads diameter 1.4 mm Conductor diameter AWG 24 Maximum temperature use Insulation AWG 24 PVC (polyvinyl chloride)

0

How to order Easy IP 52 port connection cables - Available lengths

Ending with soldered threads cable - 2, 4 and 8 electrical control valves

| Cable length | 2 Controls | 4 Controls | 8 Controls |
|--------------|----------------|----------------|----------------|
| 500 mm | cod. 868.870 C | cod. 868.871 D | cod. 868.872 E |
| 1.000 mm | cod. 868.873 F | cod. 868.875 H | cod. 868.877 J |
| 2.000 mm | cod. 868.874 G | cod. 868.876 I | cod. 868.878 K |
| 3.000 mm | cod. 868.845 D | cod. 868.880 M | cod. 868.881 N |



Manifold - 750 Series

Manifolds for multiple installing represent a fast and safe system of fastening and connection for all 750 Series models.

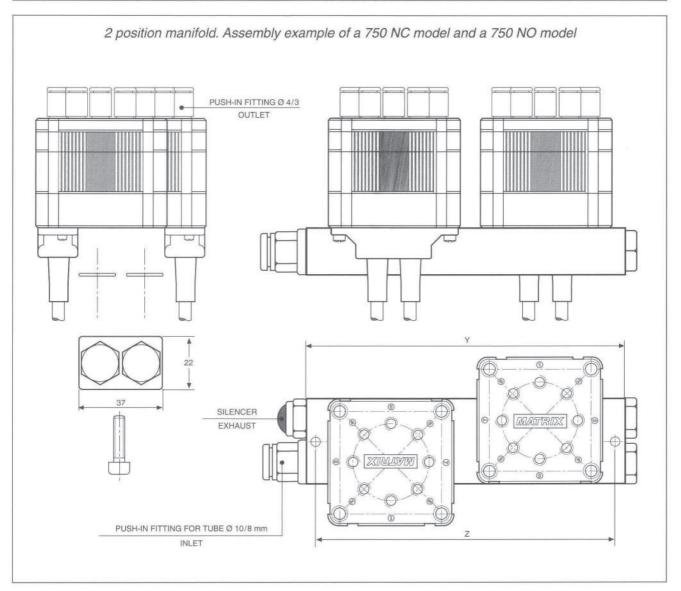
They are suitable for the rationalisation of complex pneumatic systems thanks to their simplicity of the assembly and their total modularity.

Manifolds are available for patterns from 2 to 8 solenoid valves of 750 series and are consistent with Matrix Easy electrical port connection and cables. They come in kit with fastening screws, push-in fittings and sealing O-Rings.

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How to order Manifolds - Available patterns

| Pattern | Kid code | Y (mm) | Z (mm) |
|-----------------------|-----------|----------|----------|
| no. 2 Solenoid valves | 868.950 E | 140 | 130 |
| no. 3 Solenoid valves | 868.951 F | 195 | 65 |
| no. 4 Solenoid valves | 868.952 G | 260 | 130 |
| no. 5 Solenoid valves | 868.953 H | 325 | 195 |
| no. 6 Solenoid valves | 868.954 I | 390 | 260 |
| no. 7 Solenoid valves | 868.955 J | 455 | 325 |
| no. 8 Solenoid valves | 868.956 K | 520 | 390 |



Manifold - 750 Series

