

SPR 5/2 Standard Solenoid Valve Range Selection Chart

SPR-16 5/2

For a dimensional drawing of this product please see page 42.



Bifold®

SPR-16 Selection Chart - Ordering Example

| | | | | | |
|---|---|---|---|------------------|---------------------|
| SPR-16 | 1" | | Model Code | | |
| 12 | 3/4" Body Ported (Stainless Steel) | | Ports | | |
| 16 | 1" Body Ported (Stainless Steel) | | | | |
| E2 | Auto Reset External Pilot | | Primary Operator | | |
| E4 | Manual Override External Pilot (M) | | | | |
| E6 | Manual Reset External Pilot (ML) | | | | |
| E14 | Manual Reset Tamperproof External Pilot (MLT) | | | | |
| E16 | Manual Override Rotary External Pilot (MOR) | | | | |
| P1 | Air Pilot (Standard) | | Configuration | | |
| P6 | Low Pressure Pilot | | | | |
| P16 | Pilot (No Equaliser) | | | | |
| 52 | 5 Way 2 Position | | Configuration | | |
| XX | 5/2 Valve | (for the port connections table, please refer to page 19) | Configuration | | |
| 00 | Spring Return | | Secondary Operator | | |
| E2 | Auto Reset External Pilot | | | | |
| E4 | Manual Override External Pilot (M) | | | | |
| E6 | Manual Reset External Pilot (ML) | | | | |
| E14 | Manual Reset Tamperproof External Pilot (MLT) | | | | |
| E16 | Manual Override Rotary External Pilot (MOR) | | | | |
| P1 | Air Pilot (Standard) | | O-ring Material | | |
| P6 | Low Pressure Pilot | | | | |
| P16 | Pilot (No Equaliser) | | | | |
| SA | Nitrile (Low Temperature) | (-25°C to +130°C) | For maximum operating temperatures see 'T' Rating Limitations for Ex emb, Ex d & Ex ia on pages 20, 22 & 23 | | |
| V | Viton (Standard) | (-20°C to +120°C) | | | |
| AL | Fluorosilicone | (-60°C to +90°C) | | | |
| XX | Refer to Solenoid options tables | 74AT4 (Ex emb) Page 20 - Table 1 77 (Ex d) Page 22 - Table 3 78 (Ex ia) Page 23 - Table 5 | Solenoid ** | | |
| A | ATEX/IECEX Dual Certified/Labelled | ✓ | ✓ | ✓ | Solenoid Approval * |
| G | *GOST/EAC/IECEX Dual Certified/Labelled | X | ✓ | ✓ | |
| I | INMETRO/IECEX Dual Certified/Labelled | X | ✓ | ✓ | |
| N | NEPS/IECEX Dual Certified/Labelled | X | ✓ | ✓ | |
| U | CSA (US)/ATEX Dual Certified/Labelled | X | ✓ | X | |
| K | KTL IECEX Dual Certified/Labelled | X | ✓ | X | |
| XXX | Voltage, refer to Solenoid option tables | 74AT4 (Ex emb) Page 20 - Table 1 77 (Ex d) Page 22 - Table 3 | Voltage | | |
| XX | Resistance (Ω) | 78 (Ex ia) - 260 Ohms Page 23 - Table 5 | Resistance † | | |
| XX | Power (W) | 74AT4 (Ex emb) 3.6 Watts Page 20 - Table 1 77 (Ex d) 1.8 & 3.0 Watts Page 22 - Table 3 | Power | | |
| NO LETTER | M20 x 1.5 Cable Entry | Cable Entry | | | |
| K85 | 1/2" NPT Cable Entry | Cable Entry | | | |
| NO LETTER | NPT Ports - Block Before Bleed (BBB) | Option | | | |
| K6 | BSPF Ports | Option | | | |
| SPR-16-16-E2-52-XX-00 - V - 77 A - 24D-18-K85-K6 | | | | Ordering Example | |

Bespoke configured datasheets are available for specific model numbers, please contact Bifold for more information.

For the shaded block sections, please refer to the same shaded sections on pages 20, 22 & 23.

† Solenoid must be used in conjunction with a correctly matched Intrinsically Safe (IS) solenoid driver. The valve installer is responsible for a correct and safe IS system.

For further product options, please contact Bifold.

* For details on specific approvals for Russian territories, please contact Bifold for more information.

** Special conditions for safe use Type 74AT4 - The supply circuit shall be fitted with a fuse capable of meeting a 1500 Amp short circuit current. Must be compliant with special conditions for safe use as defined in EC Type Examination Certificate Sira01ATEX3248U.

Accuracy of information
We take care to ensure that product information in this catalogue is reasonably accurate and up-to-date. However, our products are continually developed and updated so to ensure accurate and up-to-date information please refer to the product catalogue issue list on our web site or contact a member of our sales team.

When selecting a product, the applicable operating system design must be considered to ensure safe use. The products function, material compatibility, adequate ratings, correct installation, operation and maintenance are the responsibilities of the system designer and user.

Quality Assurance
All Bifold products are manufactured to a most stringent QA programme to ensure that every product will give optimum performance and reliability. We are third party certified to BS EN ISO 9001:2008. Functional test certificate, letter of conformity and copies of original mill certificates, providing total traceability are available on request, to BS EN ISO 9004 3.1 where available. We reserve the right to make changes to the specifications and design etc, without prior notice.