

BXS 3/2 Standard Solenoid Valve Range Selection Chart

BXS-04 3/2

For a dimensional drawing of this product please see page 40.



Bifold®

BXS-04 Selection Chart - Ordering Example

BXS-04	1/4"		Model Code		
04	1/4" Body Ported (Stainless Steel)		Connections		
A04	1/4" Body Ported (Aluminium) (Option only available with the type 27 Ex d and type 28 Ex ia solenoids)				
E1	Auto Reset Internal Pilot		Primary Operator		
E3	Manual Override Internal Pilot (M)				
E5	Manual Reset Internal Pilot (ML)				
E13	Manual Reset Tamperproof Internal Pilot (MLT)				
E15	Manual Override Rotary Internal Pilot (MOR)				
22	2 Way 2 Position		Configuration		
32	3 Way 2 Position				
NC	Normally Closed	(for the port connections table, please refer to page 19)	Configuration		
NO	Normally Open				
00	Spring Return		Secondary Operator		
02	Spring Return + Plunger				
E1	Auto Reset Internal Pilot				
E3	Manual Override Internal Pilot (M)				
E5	Manual Reset Internal Pilot (ML)				
E13	Manual Reset Tamperproof Internal Pilot (MLT)				
E15	Manual Override Rotary Internal Pilot (MOR)				
SA	Nitrile (Low Temperature)	(-25°C to +130°C)	O-ring Material		
V	Viton (Standard)	(-15°C to +130°C)			
AL	Fluorosilicone	(-55°C to +130°C)			
XX	Refer to Solenoid options tables	74AT4 (Ex emb) 27 & 77 (Ex d) 28 & 78 (Ex ia)	Page 20 - Table 1 Pages 21 & 22 - Tables 2 & 3 Page 23 - Table 5		
			Solenoid **		
A	ATEX/IECEX Dual Certified/Labelled	74AT4 (Ex emb)	27 & 77 (Ex d)	28 & 78 (Ex ia)	Solenoid Approval *
G	*GOST/EAC/IECEX Dual Certified/Labelled	x	✓ (77 Only)	✓	
I	INMETRO/IECEX Dual Certified/Labelled	x	✓ (77 Only)	✓ (78 Only)	
N	NEPSI/IECEX Dual Certified/Labelled	x	✓	✓	
U	CSA (US)/ATEX Dual Certified/Labelled	x	✓ (77 Only)	x	
K	KTL IECEX Dual Certified/Labelled	x	✓ (77 Only)	x	
XXX	Voltage, refer to Solenoid option tables	74AT4 (Ex emb) 27 & 77 (Ex d)	Page 20 - Table 1 Pages 21 & 22 - Tables 2 & 3	Voltage	
XX	Resistance (Ω)	28 & 78 (Ex ia) - 260 Ohms	Page 23 - Table 5	Resistance †	
XX	Power (W)	74AT4 (Ex emb) 27 & 77 (Ex d)	3.6 Watts Page 20 - Table 1 1.8 & 3.0 Watts Pages 21 & 22 - Tables 2 & 3	Power	
NO LETTER	M20 x 1.5 Cable Entry			Cable Entry	
K85	1/2" NPT Cable Entry				
LI42	Banjo Assembly			Option	
NO LETTER	NPT Ports - Block Before Bleed (BBB)			Options	
K6	BSPP Ports				
K54	Block After Bleed (BAB)				

BXS-04-04-E1-32-NC-00 - V - 77 A-24D - 18-K85-LI42-K54

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, 21, 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 10204 3.1 where available. We reserve the right to make changes to the specifications and design etc, without prior notice.