

BXS-04 5/2

For dimensional drawings of these products please see page 40.



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)			
52	5 Way 2 Position		Configuration	
53	5 Way 3 Position			
XX	5/2 Valve		Configuration	
YY	5/3 Valve All Ports Blocked	(for the port connections table, please refer to page 19)		
ZZ	5/3 Valve Cylinder Ports Vented			
00	Spring Return		Secondary Operator	
02	Spring Return + Plunger			
E1	Auto Reset Internal Pilot		Secondary 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)			
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)		
		For maximum operating temperatures see 'T' Rating Limitations for Ex emb, Ex d & Ex ia on pages 20, 21, 22 & 23		
XX	Refer to Solenoid options table	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	✓	✓	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)	
K	KTL IECEx Dual Certified/Labelled	x	✓ (77 Only)	
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			
L142	Banjo Assembly			Option
NO LETTER	NPT Ports - Block Before Bleed (BBB)			Options
K6	BSPP Ports			
K54	Block After Bleed (BAB)			

BXS-04-04-E1-52-XX-00-V - 77 A-24D-18 - K85-L142-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.