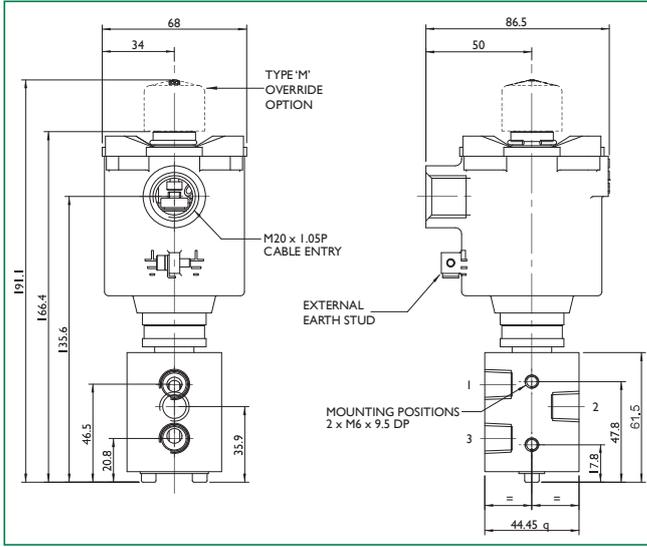


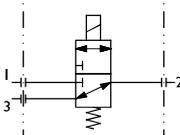
FPI0P



Dimensional Drawings

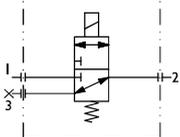


SCHEMATIC 3/2 NU



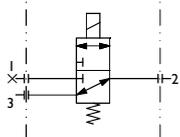
NU Normally Universal offered as standard.

SCHEMATIC 2/2 NC

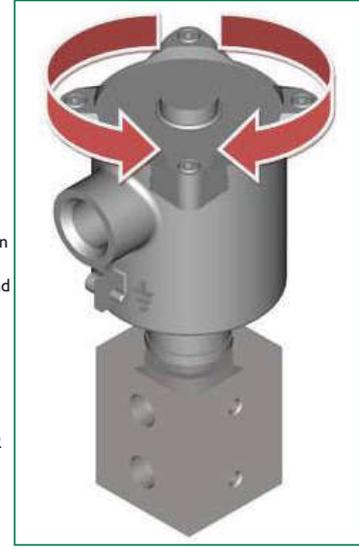


Valve suitable for Universal operation 2/2 & 3/2. Normally Open and Normally Closed. Plug port 3 for 2/2 Normally Closed function. (Plugs available as a line item).

SCHEMATIC 2/2 NO



Plug port 1 for 2/2 Normally Open function. (Plugs available as a line item).



FPI0P Selection Chart - Ordering Example

FPI0P			Model Code
S1	10 bar maximum valve pressure		Operator
S2	16 bar maximum valve pressure (For AC Coils = 6.5 Watts)		
S3	35 bar maximum valve pressure - 1/4" only standard temperature (Typically 0.4 CV)		
04	1/4" NPT body ported		Connections
06	3/8" NPT body ported		
08	1/2" NPT body ported		
32	3-way, 2-position		Valve Configuration
NU	Normally Universal		
S	Nitrile (-20°C to +130°C)	For maximum operating temperatures see 'T' Rating Limitations for Ex emb & Ex d on pages 11 & 12.	O-ring Material
V	Viton (Standard) (-20°C to +180°C)		
AG	Silicone (-60°C to +180°C)		
AL	Fluorosilicone (-60°C to +180°C)		
XX	Refer to Solenoid options tables.	74 (Ex emb) Page 11 - Table 1 77 (Ex d) Page 12 - Table 2	Solenoid * **
A	ATEX/IECEX Dual Certified/Labelled	74(Ex emb) 77(Ex d)	Solenoid Approval
G	GOST	✓ X	
I	INMETRO	X ✓	
N	NEPSI*	X ✓	
U	CSA (US) ATEX Dual Certified/Labelled	X ✓	
3	T4 IIC	77 (Ex d)	T-Rating & Gas Group
6	T5 IIC	77 (Ex d)	
9	T6 IIC	77 (Ex d)	
XXX	Voltage, refer to Solenoid option tables.	74 (Ex emb) Page 11 - Table 1 77 (Ex d) Page 12 - Table 2	Voltage
M	Electrical to switch or temporary manual override		Options
ML	Electrical and manual required to latch or temporary manual override (3.0 Watts Ex d Only)		
MLT LE	Electrical and manual required to latch - tamperproof Latched Energised (NO/NC Only) (6.5 Watts Ex d Only)		
XX	Power (W)	74 (Ex emb) - 4.4 & 6.8 Watts Page 11 - Table 1 77 (Ex d) - 3.5 & 5.7 Watts Page 12 - Table 2	Power
K6	BSPF Ports		Option
K85	1/2" NPT conduit entry		Option
XX			Revision Number
FPI0P-S2-08-32-NU-V-77 A 9-24D-ML-35 - K6-K85-XX			Ordering Example

For green block sections, please refer to the same colour section on pages 11, 12 or 13.

* For China, please note that the solenoid operator is Type 87.

** Special conditions for safe use - The supply circuit shall be fitted with a fuse capable of meeting a 1500Amp short circuit current.

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 product 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 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.B where available. We reserve the right to make changes to the specifications and design etc., without prior notice.

