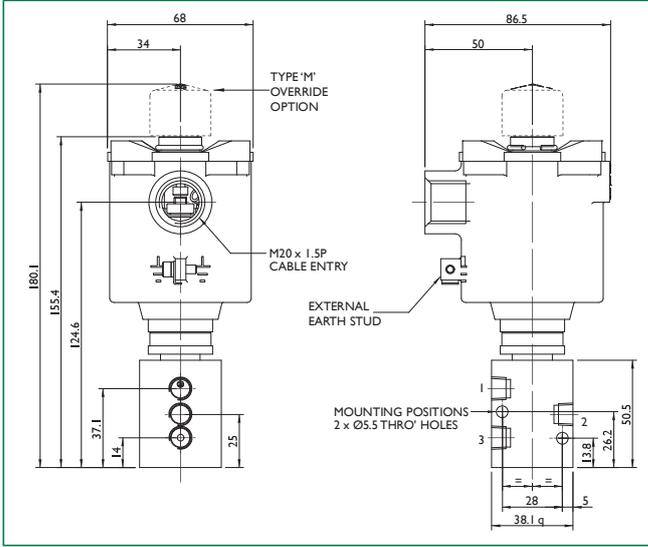


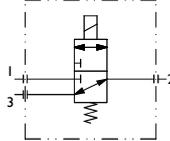
FP03P



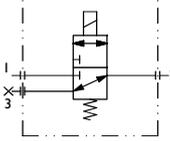
Dimensional Drawings



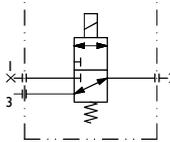
SCHMATIC 3/2 NC



SCHMATIC 2/2 NC

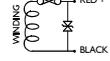


SCHMATIC 2/2 NO



Wiring Diagrams

74 SOLENOID (EEemb)

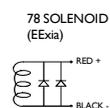


77 SOLENOID (EExd)



CONNECTIONS ARE BI-POLAR

78 SOLENOID (EExia)



FP03P Selection Chart - Ordering Example

FP03P				Model Code
M1	Manifold mount - For use with Axis Manifold System Only			Connections
M7	Manifold mount stacker - For use with Axis Manifold System Only			
02	1/8" NPT body ported - Shown above			
32	3-way, 2-position			Valve Configuration
NC	Normally Closed			O-ring Material
V	Viton (Standard)	(-20°C to +180°C)	For maximum operating temperatures see 'T' Rating Limitations for Ex emb, Ex d & Ex ia on pages 11, 12 & 13.	
AL	Fluorsilicone	(-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 78 (Ex ia) Page 13 - Table 3	Solenoid **
A	ATEX/IECEX Dual Certified/Labelled		74(Ex emb)	Solenoid Approval
G	GOST		77(Ex d)	
I	INMETRO		78(Ex ia)	
N	NEPSI*			
U	CSA (US) ATEX Dual Certified/Labelled			
3	T4 IIC	77 (Ex d)	See 'T' Rating Limitations for Ex emb, Ex d & Ex ia on pages 11, 12 & 13.	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 78 (Ex ia) Page 13 - Table 3	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	Electrical and manual required to latch - tamperproof			
XX	Power (W)	74 (Ex emb) - 1.8 & 3.6Watts 77 (Ex d) - 1.5 & 3.0Watts	Page 11 - Table 1 Page 12 - Table 2	Power
XX	Resistance (Ω)	78 (Ex ia) - 370 Ohms	Page 13 - Table 3	Resistance
K6	BSPP Ports			Option
K85	1/2" NPT cable entry			Option
XX				Revision Number

FP03P-02-32-NC-V-77 A 9-24D-ML-30-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 up-dated 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 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 10204:3.1.8 where available. We reserve the right to make changes to the specifications and design etc., without prior notice.

