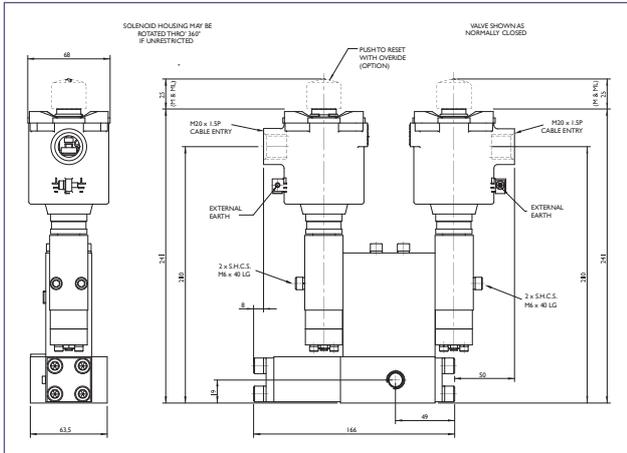
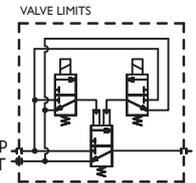


FP15 (DPSSI, 2 & 3)

Dimensional Drawing

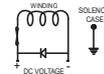


SCHEMATIC 3/2 NC

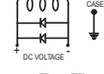


Wiring Diagrams

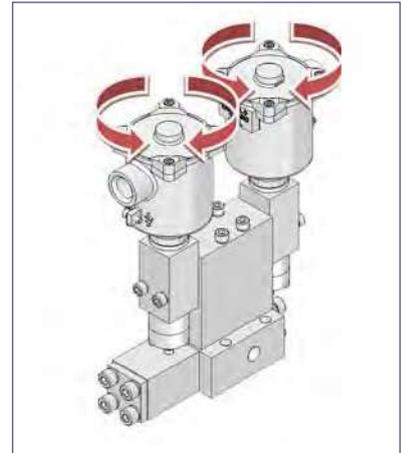
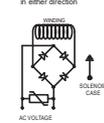
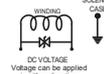
Type 74



Type 78



Type 77



FP15 Selection Chart - Ordering Example

FP15		High Pressure, Pilot Stage, Dual Redundant Solenoid Valves		Model Code
DPSSI	345 bar			Maximum Valve Pressure
DPSS2	517 bar			
DPSS3	690 bar			
M	Sub-base Mounting			Connections
04	1/4" NPT Body Ported	38MP	3/8" MP Body Ported (Non Standard)	
06	3/8" NPT Body Ported			Valve Configuration
22	2 way, 2 - position			
32	3 way, 2 - position			
S	Nitrile (standard)	(-30°C to +130°C)	For maximum operating temperatures see 'T' Rating Limitations for Ex emb, Ex d & Ex ia on pages 12, 14 & 16.	O-ring Material
V	Viton	(-20°C to +180°C)		
SA	Nitrile (Low Temperature)	(-36°C to +180°C)		
XX	Refer to Solenoid options tables.			Solenoid
		74 (Ex emb)	Page 12 - Table 1	
		77 (Ex d)	Page 14 - Table 2	
		78 (Ex ia)	Page 16 - Table 3	
A	ATEX/IECEX Dual Certified/Labelled			Solenoid Approval
G	GOST			
I	INMETRO			
U	CSA (US) ATEX Dual Certified/Labelled			
T4	Class ≤ 4.0 W (50°C maximum ambient temperature)			Ex emb 'T' Option
XXX	Voltage, refer to Solenoid option tables.		74 (Ex emb) Page 12 - Table 1 77 (Ex d) Page 14 - Table 2	Voltage
XX	Resistance (Ω)		78 (Ex ia) - 155 Ohms Page 16 - Table 3	Resistance †
M	Electrical to switch or temporary manual override			Options
ML	Electrical and manual required			
MOR	Electrical to switch or stayput manual override			
XX	Power (W)		74 (Ex emb) - 1.8 & 3.6 Watts Page 12 - Table 1 77 (Ex d) - 1.5 & 3.0 Watts Page 14 - Table 2	Power
K85	1/2" NPT cable entry			Option
H2S	NACE MR-01-75 compliant internal wetted and body materials			Option
K6	BSPP Ports			Option
EP	External Pilot Supply			Options
EPT	External Pilot Supply & Vent			
M306	1/4" NPT	M1236	1/4" BSP	Sub-Base Options
M229	1/2" NPT	M1211	1/2" BSP	

FP15/DPSSI/04 / 32 / S / 74 A T4-24D / ML / 36 / K85 / H2S/K6 / EP / [M306]

Ordering Example

For the shaded block sections, please refer to the same shaded sections on pages 12, 14 & 16.

† 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. The solenoid valve installation operating and maintenance instruction references are OP0001 & OP0165.