

Port Connections

Port Connections for 3/2 (FP06P, FP10P, FP12P, BXS & SPR)

PORT CONNECTIONS TABLE			
Configuration	Pressure	Service	Vent
Normally Closed	1	2	3
Normally Open	3	2	1

For port connections, please refer to selection chart ordering example on pages 24, 25, 26, 27, 28, 29, 30, 33 & 35.

Solenoid Coil Spare

Solenoid Coil Spare Selection Chart Ordering Example Type 74AT4, 27 & 77

109		Coil Type
XXX Voltage	74AT4 (Ex emb)	24 & 48 Vdc
	27 (Ex d)	12, 24, 48 & 110 Vdc
	27 (Ex d)	110 & 240Vac
	27 (Ex d)	50 & 60 Hz
	77 (Ex d)	12, 24, 48 & 110 Vdc
	77 (Ex d)	110 & 240Vac
XX Power (W)	74AT4 (Ex emb)	1.8, 3.6, 4.4 & 6.8Watts
	27 (Ex d)	1.8, 3.0, 3.5, 5.7 & 6.5Watts
	77 (Ex d)	1.8, 3.0, 3.5, 5.7, 6.5 & 12Watts
109-XXX-XX		Ordering Example

For solenoid operator Type 27 & 77 (Ex d) Vdc & Vac, the coil spare ordering examples are shown below:-

109-I 10DC-57
109-I 10AC-57

Type MK3

Type MK3 Terminal Block

The type MK3 terminal block can accommodate solid conductors between the range of 0.5mm² to 2.5mm² and flexible conductors between the range of 0.5mm² to 1.5mm².

Port Connections



Port Connections for 5/2 & 5/3 (BXS), & 5/2 (SPR)

PORT CONNECTIONS TABLE			
Configuration	Pressure	Service	Vent
XX	1	2 & 4	3 & 5
YY	1	2 & 4	3 & 5
ZZ	1	2 & 4	3 & 5

For port connections, please refer to selection chart ordering example on pages 31, 32, 34 & 36.

Solenoid Coil Spare

Solenoid Coil Spare Selection Chart Ordering Example Type 58

58		Coil Type
135 Resistance (Ω)	58 (Ex ia)	135 Ohms
		Resistance †
58 - 135		Ordering Example

† 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.

Solenoid Coil Spare

Solenoid Coil Spare Selection Chart Ordering Example Type 28 & 78

109		Coil Type
12 Nominal Voltage	28 & 78 (Ex ia)	12 V
		Nominal Voltage
260 Resistance (Ω)	28 & 78 (Ex ia)	260 Ohms
		Resistance †
109-12-260		Ordering Example

† 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.