



TI-P373-04
CTLS Issue 6

DM Type Solenoid Valves for use with Piston Actuated Valves

Description

A 3-port two way electropneumatic pilot solenoid valve that can be directly mounted (banjo connection) to the PF51G and PF61G-NC, NO and BD series piston actuated valves.

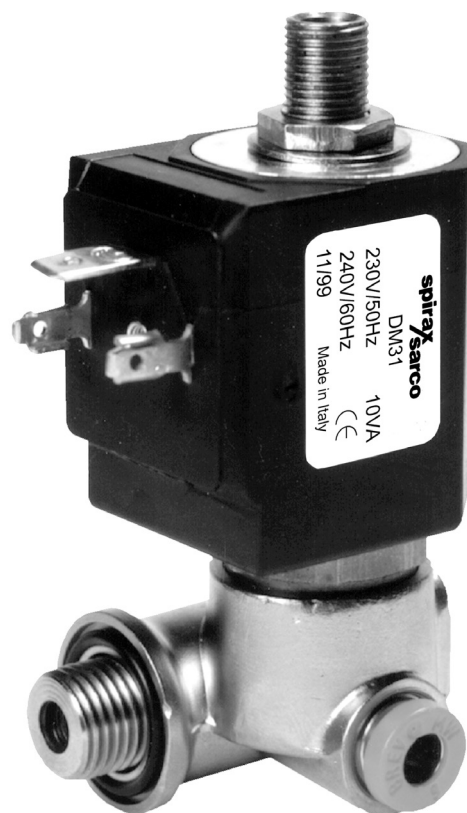
Suitable for air or water operating media. The valve is supplied with a DIN connector and fitted with manual override as standard.

Available types

Model	Actuator	Voltage/Frequency	Connection
DM11	45 mm (1.8")	230/50 or 240/60 Vac	1/8" BSP
DM12		110/50 or 120/60 Vac	
DM13		24/50 or 24/60 Vac	
DM14		24 Vdc	
DM21	63 mm (2.5")	230/50 or 240/60 Vac	1/4" BSP
DM22		110/50 or 120/60 Vac	
DM23		24/50 or 24/60 Vac	
DM24		24 Vdc	
DM31	90 mm (3.5")	230/50 or 240/60 Vac	
DM32		110/50 or 120/60 Vac	
DM33		24/50 or 24/60 Vac	
DM34		24 Vdc	

Technical details

Mounting		Banjo connection
Manual override		Fitted as standard
DIN connector	Type B	DM11, DM12, DM13 and DM14
	Type B	DM21, DM22, DM23 and DM24
	Type A	DM31, DM32, DM33 and DM34
Pilot media connection	DM11 to DM14 DM21 to DM24 DM31 to DM34	Push in type to suit 6 mm dia. nylon or copper tube
Coil consumption	DM11, DM12,	ac 10 VA (holding)
	DM13 and DM14	ac 16 VA (maximum) dc 7 Watts
	DM21, DM22, DM23, and DM24	ac 10 VA (holding) ac 16 VA (maximum) dc 7 Watts
	DM31, DM32, DM33 and DM34	ac 18 VA (holding) ac 36 VA (maximum) dc 14 Watts



Limiting conditions

Maximum media temperature	60 °C (140 °F)
Minimum media temperature	-10 °C (14 °F)
Protection class	IP65 (with connector)
Operating pressure	0 bar g (0 psi g) min. to 10 bar g (145 psi g) max.

Materials

Part	Material
Body	ELNP Niploy coated brass
Seal	FKM

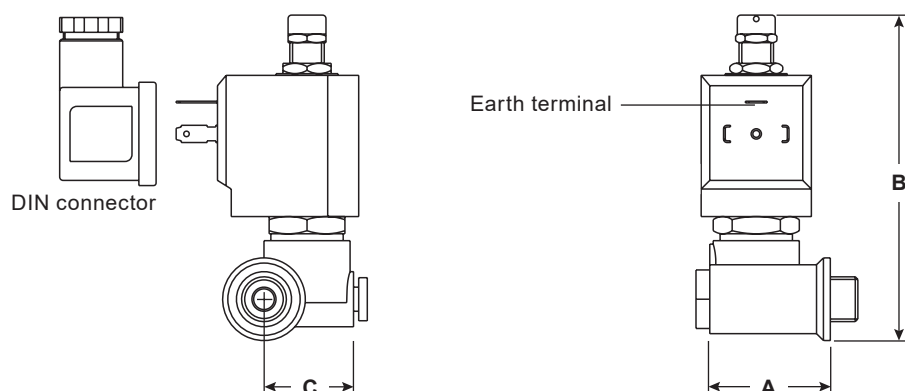
Spares parts

No spares are available for this product.

Installation

The valve can be directly mounted (banjo connection) onto the actuator.

Dimensions/weights (approximate) in mm (in) and kg (lb)



Type	A	B	C	Weight
DM11, DM12, DM13 and DM14	31 (1.2)	77 (3)	27 (1.1)	0.27 (0.12)
DM21, DM22, DM23 and DM24	35 (1.4)	78 (3.1)		
DM31, DM32, DM33 and DM34		95 (3.7)		0.38 (0.17)

How to order

Example: 1 off Spirax Sarco DM21 solenoid valve 240 Vac.