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spirax sarco

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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	230/50 or 240/60 Vac	**1/8"** BSP
DM12	45 mm	110/50 or 120/60 Vac	**1/8"** BSP
DM13	45 mm	24/50 or 24/60 Vac	**1/8"** BSP
DM14	45 mm	24 Vdc	**1/8"** BSP
DM21	63 mm	230/50 or 240/60 Vac	**¼"** BSP
DM22	63 mm	110/50 or 120/60 Vac	**¼"** BSP
DM23	63 mm	24/50 or 24/60 Vac	**¼"** BSP
DM24	63 mm	24 Vdc	**¼"** BSP
DM31	90 mm	230/50 or 240/60 Vac	**¼"** BSP
DM32	90 mm	110/50 or 120/60 Vac	**¼"** BSP
DM33	90 mm	24/50 or 24/60 Vac	**¼"** BSP
DM34	90 mm	24 Vdc	**¼"** BSP

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, DM13 and DM14	ac 10 VA (holding) sc 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
Minimum media temperature	-10°C
Protection class	IP65 (with connector)
Operating pressure	0 bar g min. to 10 bar g max.

Materials

Part	Material
Body	ELNP Niploy coated brass
Seal	FKM

Spares parts

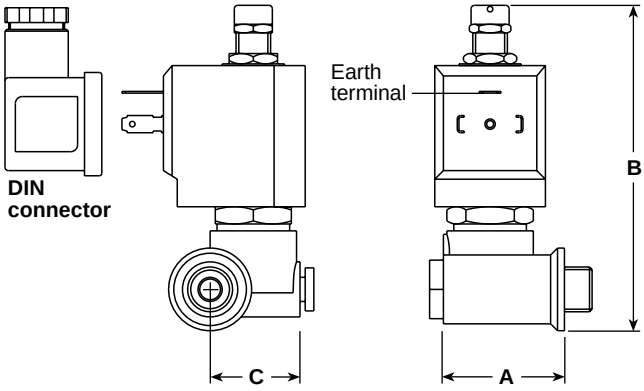
No spares are available for this product.

Installation

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

Dimensions / weights (approximate) in mm and kg

Type	A	B	C	Weight
DM11, DM12, DM13 and DM14	31	77	27	0.27
DM21, DM22, DM23 and DM24	35	78	27	0.27
DM31, DM32, DM33 and DM34	35	95	27	0.38



How to order

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

Local regulations may restrict the use of this product to below the conditions quoted.
In the interests of development and improvement of the product, we reserve the right to change the specification.

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