

CPE14-M1H-5/3B-QS-8

Solenoid valve

Data sheet

Part no.: 170220

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Feature	Data/description
Switching function	5/3-way valve, pressurised in mid-position
Switching function short code	5/3
Function in mid-position (neutral)	Pressurised
Direction of flow reversible	No
Operating principle	Slide
Shape of function component	Piston
With exhaust flow control	Yes
Type of regulation	Indirect
Control type	Bistable
Type of reset	Mechanical spring
Type of mounting	Screw
Type of multiple configuration	Module
Installation position	Any
Nominal size	6 mm
Operating pressure min.	3 bar
Operating pressure max.	8 bar
Minimum ambient temperature	-10 °C
Maximum ambient temperature	50 °C
Minimum medium temperature	-10 °C
Maximum medium temperature	50 °C
Type of connection, air supply	Push-in
Nominal size of tubing connection, suppl	8
Air connection type power port	Push-in
Nominal size of tubing connection, worki	8
Air connection type aux. pilot air suppl	Internal
Air connection type aux. pilot air exhau	Thread
Connecting thread for aux. pilot air exh	M 3
Type pilot control air Supply and exhaus	Internal pilot air, ducted pilot exhaust
Actuation/reset	Double solenoid, spring-centred
Manual override	Non-detenting (can be rotated to detent)
Operating status display	No

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Feature	Data/description
Material of cap	PA
Material of housing	AL, die-cast metal
Material of seals	NBR-Elastomer
Product weight	0,12 kg
Country-specific approval certificate (U	c UL us (OL)
Standard nominal flow rate 1 - 2	750 l/min
Standard nominal flow rate 2 - 3	750 l/min
Standard nominal flow rate 1 - 4	750 l/min
Standard nominal flow rate 4 - 3/5	750 l/min
Standard nominal flow rate (mid-pos.)	700 l/min
Response time OFF/OVER (dom.)	18 ms
Response time OFF/OVER	50 ms
Voltage type	DC
Nominal voltage	24 V
Power consumption (DC)	1 W
Medium	Compressed air, filtered 40 µm
Degree of protection	IP65