

CPE14-M1H-5/3ES-1/8

Solenoid valve

Data sheet

Part no.: 170207

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Feature	Data/description
Switching function	5/3-way valve, exhausted in mid-position
Switching function short code	5/3
Function in mid-position (neutral)	Exhausted
Direction of flow reversible	Yes
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
External auxiliary pilot air	Yes
Type of mounting	Screw
Type of multiple configuration	Module
Installation position	Any
Nominal size	6 mm
Operating pressure min.	-0,9 bar
Operating pressure max.	10 bar
Minimum ambient temperature	-10 °C
Maximum ambient temperature	50 °C
Minimum medium temperature	-10 °C
Maximum medium temperature	50 °C
Min. pilot pressure	3 bar
Pilot pressure max.	8 bar
Type of connection, air supply	Female thread
Connecting thread, supply port	G 1/8
Air connection type power port	Female thread
Connecting thread, working port	G 1/8
Type of connection, exhaust	Female thread
Connecting thread, exhaust port	G 1/8
Air connection type aux. pilot air suppl	Female thread
Connecting thread for aux. pilot air sup	M 3

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Air connection type aux. pilot air exhau	Female thread
Connecting thread for aux. pilot air exh	M 3
Type pilot control air Supply and exhaus	External pilot air, ducted pilot exhaust
Actuation/reset	Double solenoid, spring-centred
Manual override	Non-detenting (can be rotated to detent)
Operating status display	No
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	700 l/min
Standard nominal flow rate 2 - 3	750 l/min
Standard nominal flow rate 1 - 4	700 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