

## CPE10-M1BH-5/3BS-M7

Solenoid valve

Data sheet

Part no.: 196920

Page:1

Feature	Data/description
Switching function	<b>5/3-way valve, pressurised in mid-position</b>
Switching function short code	<b>5/3</b>
Function in mid-position (neutral)	<b>Pressurised</b>
Direction of flow reversible	<b>Yes</b>
Operating principle	<b>Slide</b>
Shape of function component	<b>Piston</b>
With exhaust flow control	<b>No</b>
Type of regulation	<b>Indirect</b>
Control type	<b>Bistable</b>
Type of reset	<b>Mechanical spring</b>
External auxiliary pilot air	<b>Yes</b>
Type of mounting	<b>Screw</b>
Installation position	<b>Any</b>
Nominal size	<b>4 mm</b>
Operating pressure min.	<b>-0,9 bar</b>
Operating pressure max.	<b>10 bar</b>
Minimum ambient temperature	<b>-5 °C</b>
Maximum ambient temperature	<b>50 °C</b>
Minimum medium temperature	<b>-5 °C</b>
Maximum medium temperature	<b>50 °C</b>
Min. pilot pressure	<b>3 bar</b>
Pilot pressure max.	<b>8 bar</b>
Type of connection, air supply	<b>Female thread</b>
Connecting thread, supply port	<b>M 7</b>
Air connection type power port	<b>Female thread</b>
Connecting thread, working port	<b>M 7</b>
Type of connection, exhaust	<b>Female thread</b>
Connecting thread, exhaust port	<b>M 7</b>
Air connection type aux. pilot air suppl	<b>Female thread</b>
Connecting thread for aux. pilot air sup	<b>M 3</b>
Air connection type aux. pilot air exhau	<b>Female thread</b>

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Feature	Data/description
Connecting thread for aux. pilot air exh	<b>M 3</b>
Type pilot control air Supply and exhaust	<b>Internal pilot air, ducted pilot exhaust</b>
Actuation/reset	<b>Double solenoid, spring-centred</b>
Manual override	<b>push to reset</b>
Operating status display	<b>No</b>
Material of cap	<b>PA</b>
Material of housing	<b>AL, die-cast metal</b>
Material of seals	<b>NBR-Elastomer</b>
Product weight	<b>0,073 kg</b>
Standard nominal flow rate 1 - 2	<b>300 l/min</b>
Standard nominal flow rate 2 - 3	<b>250 l/min</b>
Standard nominal flow rate 1 - 4	<b>300 l/min</b>
Standard nominal flow rate 4 - 3/5	<b>250 l/min</b>
Standard nominal flow rate (mid-pos.)	<b>150 l/min</b>
Response time OFF/OVER (dom.)	<b>16 ms</b>
Response time OFF/OVER	<b>20 ms</b>
Voltage type	<b>DC</b>
Nominal voltage	<b>24 V</b>
Power consumption (DC)	<b>1 W</b>
Medium	<b>Filtered compr. air (40 µm) (may be lubricated)</b>
Degree of protection	<b>IP65</b>