CPE10-M1H-5/3B-M5

Solenoid valve

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	**4 mm**
Operating pressure min.	**3 bar**
Operating pressure max.	**8 bar**
Minimum ambient temperature	**-10 °C**
Maximum ambient temperature	**50 °C**
Minimum meduim temperature	**-10 °C**
Maximum meduim temperature	**50 °C**
Type of connection, air supply	**Female thread**
Connecting thread, supply port	**M 5**
Air connection type power port	**Female thread**
Connecting thread, working port	**M 5**
Type of connection, exhaust	**Female thread**
Connecting thread, exhaust port	**M 5**
Air connection type aux. pilot air suppl	**Internal**
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	**Internal pilot air, ducted pilot exhaust**
Actuation/reset	**Double solenoid, spring-centred**

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Solenoid valve

Feature	Data/description
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	**0,073 kg**
Country-specific approval certificate (U	**c UL us (OL)**
Standard nominal flow rate 1 - 2	**300 l/min**
Standard nominal flow rate 2 - 3	**300 l/min**
Standard nominal flow rate 1 - 4	**300 l/min**
Standard nominal flow rate 4 - 3/5	**300 l/min**
Standard nominal flow rate (mid-pos.)	**200 l/min**
Response time OFF/OVER (dom.)	**15 ms**
Response time OFF/OVER	**25 ms**
Voltage type	**DC**
Nominal voltage	**24 V**
Power consumption (DC)	**1 W**
Medium	**Compressed air, filtered 40 µm (may be lubricated)**
Degree of protection	**IP65**