

CPE14-M1H-5/3BS-QS-6

Solenoid valve

Data sheet

Part no.: 170215

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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 | 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 | Push-in |
| Nominal size of tubing connection, suppl | 6 |
| Air connection type power port | Push-in |
| Nominal size of tubing connection, worki | 6 |
| Air connection type aux. pilot air suppl | Push-in |
| Nom. size aux. pilot air supply | 3 |
| Air connection type aux. pilot air exhau | Thread |
| Connecting thread for aux. pilot air exh | M 3 |

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| Feature | Data/description |
|---|---|
| Type pilot control air Supply and exhaust | 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 | 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 |