

CPE10SC-M1BH-3OL-M5-P

Solenoid valve

Data sheet

Part no.: 192514

Page:1

| Feature | Data/description |
|--|---|
| Switching function | 3/2-way valve, normally open |
| Switching function short code | 3/2 |
| Direction of flow reversible | No |
| Operating principle | Slide |
| Shape of function component | Piston |
| With exhaust flow control | Yes |
| Type of regulation | Indirect |
| Control type | Monostable |
| Type of reset | Air spring |
| Type of mounting | Screw |
| Installation position | Any |
| Nominal size | 3 mm |
| Operating pressure min. | 3 bar |
| Operating pressure max. | 8 bar |
| Minimum ambient temperature | -5 °C |
| Maximum ambient temperature | 50 °C |
| Minimum medium temperature | -5 °C |
| Maximum medium temperature | 50 °C |
| Type of connection, air supply | Sub-base |
| Air connection type power port | Female thread |
| Connecting thread, working port | M 5 |
| Type of connection, exhaust | Sub-base |
| 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 | External pilot air and air spring, ducted pilot ex |
| Actuation/reset | Single solenoid, air spring return |
| Manual override | Non-detenting (detenting with attachment) |
| Operating status display | No |
| Material of cap | PA-reinforced |
| Material of housing | AL, die-cast metal |

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| Feature | Data/description |
|----------------------------------|--|
| Material of seals | NBR-Elastomer |
| CT criterion | Free of copper and PTFE |
| Product weight | 0,05 kg |
| Standard nominal flow rate 1 - 2 | 210 l/min |
| Standard nominal flow rate 2 - 3 | 210 l/min |
| Response time OFF/OVER (dom.) | 11 ms |
| Response time OFF/OVER | 15 ms |
| Voltage type | DC |
| Nominal voltage | 24 V |
| Medium | Filtered compr. air (40 µm) (may be lubricated) |
| Degree of protection | IP65 |