

## CPE10-M1H-5/3GS-QS-6

Solenoid valve

Data sheet

Part no.: 170193

Page:1

| Feature                                  | Data/description                             |
|--|--|
| Switching function                       | <b>5/3-way valve, closed in mid-position</b> |
| Switching function short code            | <b>5/3</b>                                   |
| Function in mid-position (neutral)       | <b>Closed</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>Yes</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>                                 |
| Type of multiple configuration           | <b>Module</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>-10 °C</b>                                |
| Maximum ambient temperature              | <b>50 °C</b>                                 |
| Minimum medium temperature               | <b>-10 °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>Push-in</b>                               |
| Nominal size of tubing connection, suppl | <b>6</b>                                     |
| Air connection type power port           | <b>Push-in</b>                               |
| Nominal size of tubing connection, worki | <b>6</b>                                     |
| Air connection type aux. pilot air suppl | <b>Push-in</b>                               |
| Nom. size aux. pilot air supply          | <b>3</b>                                     |
| Air connection type aux. pilot air exhau | <b>Thread</b>                                |
| Connecting thread for aux. pilot air exh | <b>M 3</b>                                   |

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| Feature                                   | Data/description  |
|---|---|
| Type pilot control air Supply and exhaust | <b>External pilot air, ducted pilot exhaust</b>           |
| Actuation/reset                           | <b>Double solenoid, spring-centred</b>                    |
| Manual override                           | <b>Non-detenting (can be rotated to detent)</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>   |
| Country-specific approval certificate (U  | <b>c UL us (OL)</b>                                       |
| Standard nominal flow rate 1 - 2          | <b>350 l/min</b>  |
| Standard nominal flow rate 2 - 3          | <b>350 l/min</b>  |
| Standard nominal flow rate 1 - 4          | <b>350 l/min</b>  |
| Standard nominal flow rate 4 - 3/5        | <b>350 l/min</b>  |
| Response time OFF/OVER (dom.)             | <b>15 ms</b>  |
| Response time OFF/OVER                    | <b>25 ms</b>  |
| Voltage type                              | <b>DC</b>   |
| Nominal voltage                           | <b>24 V</b>   |
| Power consumption (DC)                    | <b>1 W</b>  |
| Medium                                    | <b>Compressed air, filtered 40 µm (may be lubricated)</b> |
| Degree of protection                      | <b>IP65</b>   |