

## MGXDH-3/2-1.2-24DC

Solenoid valve

Data sheet

Part no.: 184101

Page:1

| Feature                                  | Data/description                      |
|--|---------------------------------------|
| Switching function                       | <b>3/2-way valve, normally closed</b> |
| EU conformity (CE)                       | <b>CE</b>                             |
| Note on EU conformity                    | <b>EEX</b>                            |
| Switching function short code            | <b>3/2</b>                            |
| Direction of flow reversible             | <b>No</b>                             |
| Operating principle                      | <b>Disc seat</b>                      |
| Shape of function component              | <b>Sub-base</b>                       |
| With exhaust flow control                | <b>No</b>                             |
| Type of regulation                       | <b>Direct</b>                         |
| Control type                             | <b>Monostable</b>                     |
| Type of reset                            | <b>Mechanical spring</b>              |
| Type of mounting                         | <b>Screw</b>                          |
| Installation position                    | <b>Any</b>                            |
| Nominal size                             | <b>1,2 mm</b>                         |
| Operating pressure min.                  | <b>-0,9 bar</b>                       |
| Operating pressure max.                  | <b>8 bar</b>                          |
| Minimum ambient temperature              | <b>-20 °C</b>                         |
| Maximum ambient temperature              | <b>55 °C</b>                          |
| Minimum medium temperature               | <b>-20 °C</b>                         |
| Maximum medium temperature               | <b>55 °C</b>                          |
| Type of connection, air supply           | <b>Sub-base</b>                       |
| Air connection type power port           | <b>Sub-base</b>                       |
| Type of connection, exhaust              | <b>Sub-base</b>                       |
| Air connection type aux. pilot air suppl | <b>Sub-base</b>                       |
| Standard pilot connection pattern        | <b>NF66</b>                           |
| Manual override                          | <b>Rotary/detenting</b>               |
| Operating status display                 | <b>No</b>                             |
| Contains silicone materials              | <b>Yes</b>                            |
| Standard nominal flow rate 1 - 2         | <b>35 l/min</b>                       |
| Standard nominal flow rate 2 - 3         | <b>40 l/min</b>                       |
| Response time OFF/OVER (dom.)            | <b>10 ms</b>                          |

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Page:2

| <b>Feature</b>         | <b>Data/description</b>                                   |
|------------------------|---|
| Response time OFF/OVER | <b>5 ms</b>   |
| Voltage type           | <b>DC</b>   |
| Nominal voltage        | <b>24 V</b>   |
| Power consumption (DC) | <b>3 W</b>  |
| Duty cycle, solenoid   | <b>100 %</b>  |
| Medium                 | <b>Compressed air, filtered 40 µm (may be lubricated)</b> |
| Degree of protection   | <b>IP66</b>   |