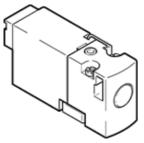
## solenoid valve MHA1-M4H-3/2O-0,6-HC Part number: 197018

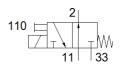
manifold block valve for individual and battery mounting, particularly small design, with plug connection at rear.



## **Data sheet**

| Feature                                 | Value  |
|---|--|
| Valve function                          | 3/2 open, monostable   |
| Type of actuation                       | electrical   |
| Width                                   | 10 mm  |
| Standard nominal flow rate              | 10 l/min   |
| Operating pressure                      | 0 0.6 MPa  |
| Design structure                        | Poppet valve with spring return  |
| Type of reset                           | mechanical spring  |
| Protection class                        | IP40   |
| Authorisation                           | c UL us - Recognized (OL)  |
| Certificate issuing department          | UL MH19482   |
| Nominal size                            | 0.7 mm   |
| Grid dimension                          | 10 mm  |
| Exhaust-air function                    | throttleable   |
| Sealing principle                       | soft   |
| Assembly position                       | Any  |
| Manual override                         | Pushing  |
| Type of piloting                        | direct   |
| Flow direction                          | non reversible   |
| Valve position identification           | Label  |
| Overlap                                 | Underlap   |
| Note on forced dynamisation             | Switching frequency at least once a week   |
| Maximum switching frequency             | 20 Hz  |
| Switching time off                      | 4 ms   |
| Switching time on                       | 4 ms   |
| Duty cycle                              | 100 %  |
| Electrical power consumption            | 1 W  |
| Characteristic coil data                | 5 V DC: 1 W  |
| Permissible voltage fluctuation         | +/- 10 %   |
| Operating medium                        | Compressed air in accordance with ISO8573-1:2010 [7:4:4]                                       |
| Note on operating and pilot medium      | Lubricated operation possible (subsequently required for further operation)                    |
| Vibration resistance                    | Transport application test at severity level 2 in accordance with FN 942017-4 and EN 60068-2-6 |
| Shock resistance                        | Shock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-27              |
| Corrosion resistance classification CRC | 2 - Moderate corrosion stress  |
| Storage temperature                     | -20 60 °C  |
| Medium temperature                      | -5 40 °C   |
| Ambient temperature                     | -5 40 °C   |
| Product weight                          | 10 g   |
| Electrical connection                   | Plug   |
| Mounting type                           | On sub-base  |
|   | with through hole  |





## FESTO

| Feature                      | Value                   |  |
|------------------------------|-------------------------|--|
| Pneumatic connection, 11     | Sub-base                |  |
| Pneumatic connection, port 2 | Sub-base                |  |
| Pneumatic connection, 33     | Sub-base                |  |
| Materials note               | Free of copper and PTFE |  |
|                              | Conforms to RoHS        |  |
| Material seals               | FPM                     |  |
|                              | HNBR                    |  |
|                              | NBR                     |  |
| Material housing             | PA-reinforced           |  |
|                              | PPS-reinforced          |  |