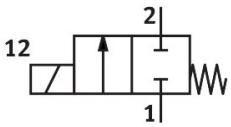
# Air solenoid valve
# MC-2-1/8

Part number: 2187






## Data sheet

| Feature | Value |
|---|---|
| Valve function | 2/2-way, closed, monostable |
| Actuation type | Electrical |
| Normal nominal flow rate (normalized to DIN 1343) | 300 l/min |
| Pneumatic working port | G1/8 |
| Operating pressure | -0.095 MPa...0.7 MPa<br>-0.95 bar...7 bar |
| Structural design | Poppet valve with spring return |
| Reset method | Mechanical spring |
| Degree of protection | IP65 |
| Nominal width | 4 mm |
| Sealing principle | Soft |
| Manual override | None |
| Type of control | directly |
| Flow direction | Non-reversible |
| Switching time off | 20 ms |
| On switching time | 18 ms |
| Duty cycle | 100% |
| Coil characteristics | 110 V AC: 50/60 Hz, initial power 30.0 VA, holding power 22.0 VA<br>110 V DC: 12.7 W<br>120 V AC: 60 Hz, initial power 30.0 VA, holding power 22.0 VA<br>12 V AC: 50 Hz, initial power 30.0 VA, holding power 22.0 VA<br>12 V DC: 11.7 W<br>220 V AC: 50/60 Hz, initial power 30.0 VA, holding power 22.0 VA<br>220 V DC: 15.0 W<br>240 V AC: 50 Hz, initial power 30.0 VA, holding power 22.0 VA<br>240 V DC: 17.9 W<br>24 V AC: 50 Hz, initial power 30.0 VA, holding power 22.0 VA<br>24 V DC: 11.0 W<br>380 V AC: 50/60 Hz, initial power 30.0 VA, holding power 22.0 VA<br>42 V AC: 50/60 Hz, initial power 30.0 VA, holding power 22.0 VA<br>42 V DC: 12.0 W<br>48 V AC: 50 Hz, initial power 30.0 VA, holding power 22.0 VA<br>96 V DC: 11.0 W |
| Operating medium | Compressed air as per ISO 8573-1:2010 [7:4:4] |
| LABS (PWIS) conformity | VDMA24364-C1-L |
| Storage temperature | -40 °C...100 °C |

| Feature | Value |
|---|---|
| Temperature of medium | -10 °C...60 °C |
| Ambient temperature | -5 °C...40 °C |
| Type of mounting | With through-hole |
| Pneumatic connection 1 | G1/8 |
| Pneumatic connection 2 | G1/8 |
| Note on materials | RoHS compliant |