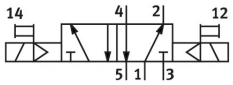
# Solenoid valve
# JMDH-5/2-3/4-D-4-24DC

Part number: 12458




## Data sheet

| Feature | Value |
|---|---|
| Valve function | 5/2-way, double solenoid |
| Type of actuation | Electrical |
| Construction width | 76 mm |
| Standard nominal flow rate (standardised to DIN 1343) | 6000 l/min |
| pneumatic working port | Sub-base size 4 to ISO 5599-1<br>G3/4 |
| Operating voltage | 24 V DC |
| Operating pressure | 2 bar...16 bar |
| Design | Piston gate valve |
| Degree of protection | IP65 |
| Nominal size | 18 mm |
| Grid dimension | 82 mm |
| Exhaust-air function | Can be throttled |
| Sealing principle | Soft |
| Mounting position | Any |
| Conforms to standard | ISO 5599-1 |
| Manual override | Non-detenting |
| ISO code | 455 |
| Type of piloting | Piloted |
| Pilot air supply | Internal |
| Flow direction | Non-reversible |
| lap | Overlap |
| Switching time reversal | 40 ms |
| Duty cycle | 100% |
| Max. positive test pulse with 0 signal | 4300 µs |
| Max. negative test pulse with 1 signal | 2100 µs |
| Characteristic coil data | 24 V DC: 6.8 W<br>48 V AC: 50/60 Hz, pick-up power 14.5 VA, holding power 9.9 VA |
| Operating medium | Compressed air to ISO 8573-1:2010 [7:4:4] |
| Note on operating and pilot medium | Lubricated operation possible (in which case lubricated operation will always be required) |
| LABS (PWIS) conformity | VDMA24364-B1/B2-L |

| Feature | Value |
|---|---|
| Media temperature | -10 °C...60 °C |
| Sound pressure level | 85 dB(A) |
| Ambient temperature | -10 °C...50 °C |
| Product weight | 2600 g |
| Electrical connection | To DIN EN 175301-803 |
| Type of mounting | On sub-base<br>Via through-hole and screw |
| Pilot exhaust port 82 | M5 |
| Pilot exhaust port 84 | M5 |
| Pneumatic connection, port 1 | Sub-base size 4 to ISO 5599-1 |
| Pneumatic connection, port 2 | Sub-base size 4 to ISO 5599-1 |
| Pneumatic connection, port 3 | Sub-base size 4 to ISO 5599-1 |
| Pneumatic connection, port 4 | Sub-base size 4 to ISO 5599-1 |
| Pneumatic connection, port 5 | Sub-base size 4 to ISO 5599-1 |
| Note on materials | RoHS compliant |
| Material seals | NBR |
| Material housing | Aluminium |