

Piloted non return valve HGL-M5-B

Part number: 530029

FESTO



 General operating condition

Data sheet

| Feature | Value |
|---|--|
| Valve function | Unlockable check valve function |
| Pneumatic connection 1 | M5 |
| Pneumatic connection 2 | M5 |
| Pilot air port 21 | M5 |
| Actuation type | Pneumatic |
| Type of mounting | Screw-in With external thread |
| Operating pressure | 0.05 MPa ... 1 MPa |
| Operating pressure | 0.5 bar ... 10 bar |
| Pilot pressure MPa | 0.2 MPa ... 1 MPa |
| Pilot pressure | 2 bar ... 10 bar |
| Pilot pressure psi | 29 psi ... 145 psi |
| Ambient temperature | -10 °C ... 60 °C |
| Operating medium | Compressed air as per ISO 8573-1:2010 [7:4:4] |
| Maritime classification | See certificate |
| Mounting position | Any |
| Symbol | 00991456 |
| Standard flow rate 1->2 (6-0) | 200 l/min |
| Standard nominal flow rate 1->2 (6-5) | 130 l/min |
| Information on operating and pilot media | Operation with oil lubrication possible (required for further use) |
| Corrosion resistance class (CRC) | 2 - Moderate corrosion stress |
| LABS (PWIS) conformity | VDMA24364-B2-L |
| Cleanroom suitability, measured according to ISO 14644-14 | Class 4 according to ISO 14644-1 |
| Storage temperature | -10 °C ... 60 °C |
| Temperature of medium | -10 °C ... 60 °C |
| Pilot medium | Compressed air as per ISO 8573-1:2010 [7:4:4] |
| Nominal tightening torque | 1.25 Nm |
| Tolerance for nominal tightening torque | ± 10% |
| Product weight | 21 g |
| Material of screwed plug | Steel, galvanized |
| Note on materials | RoHS-compliant |
| Seals material | NBR |
| Releasing ring material | POM |
| Non-return collar material | NBR |
| Swivel joint material | Die-cast zinc |