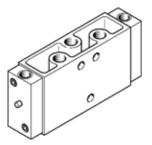
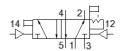
pneumatic valve JH-5-1/8-EX Part number: 536035







Data sheet

| Feature | Value |
|--|--|
| Valve function | 5/2 bistable |
| Type of actuation | pneumatic |
| Width | 26 mm |
| Standard nominal flow rate | 600 l/min |
| Operating pressure | 0 10 bar |
| Design structure | Poppet seat |
| Protection class | IP65 |
| CE mark (see declaration of conformity) | to EU directive explosion protection (ATEX) |
| ATEX category Gas | II 2G |
| ATEX category Dust | II 2D |
| Explosion ignition protection type Gas | Ex h IIC T4 Gb |
| Explosion ignition protection type Dust | Ex h IIIC T130°C Db |
| Explosion-proof ambient temperature | -10°C <= Ta <= +60°C |
| Nominal size | 5 mm |
| Grid dimension | 27 mm |
| Exhaust-air function | throttleable |
| Sealing principle | soft |
| Assembly position | Any |
| Type of piloting | direct |
| Pilot air supply | external |
| Flow direction | non reversible |
| Overlap | Underlap |
| Pilot pressure | 1.2 10 bar |
| Max. switching frequency | 12 Hz |
| Switching time reversal | 7 ms |
| Max. positive test pulse with logic 0 | 2,200 μs |
| Max. negative test pulse with logic 1 | 3,700 μs |
| 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 |
| The consequence of the consequen | operation) |
| Corrosion resistance classification CRC | 1 - Low corrosion stress |
| Storage temperature | -20 60 °C |
| Medium temperature | -10 60 °C |
| Ambient temperature | -10 60 °C |
| Product weight | 330 g |
| Mounting type | Optional |
| | on manifold rail |
| | with through hole |
| Scavenging orifice connection | M5 |
| Pilot air port 12 | G1/8 |
| Pilot air port 14 | G1/8 |
| Pneumatic connection, port 1 | G1/8 |
| Pneumatic connection, port 2 | G1/8 |
| Pneumatic connection, port 3 | G1/8 |
| Pneumatic connection, port 4 | G1/8 |
| Pneumatic connection, port 5 | G1/8 |
| Materials note | Conforms to RoHS |
| Material seals | NBR |
| | TPE-U(PU) |
| Material housing | Aluminium die cast |