solenoid valve VSNC-F-B52-D-G14-FN-1A1-EX4-A

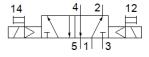
Part number: 577282

NAMUR valve 1/4", bistable, FN armature system, with coil, intrinsically safe.

Data sheet

| Feature | Value |
|---|--|
| Valve function | 5/2 bistable |
| Type of actuation | electrical |
| Width | 32 mm |
| Standard nominal flow rate | 1,350 l/min |
| Operating pressure | 1.5 8 bar |
| Design structure | Piston slide |
| Explosion protection certification outside the EU | EPL Db (IEC-EX) |
| | EPL Ga (IEC-EX) |
| Certificate issuing department | DNVGL-TAA000011J |
| ATEX category Gas | II 2G |
| ATEX category Dust | II 2D |
| Explosion ignition protection type Gas | Ex ia IIC T6 Ga |
| Explosion ignition protection type Dust | Ex t IIIC T80°C Db |
| Explosion-proof ambient temperature | -40°C <= Ta <= +50°C |
| Protection class | IP65 |
| | with plug socket |
| | to IEC 60529 |
| Exhaust-air function | throttleable |
| Sealing principle | soft |
| Assembly position | Any |
| Conforms to standard | VDI/VDE 3845 (NAMUR) |
| Manual override | detenting |
| | Pushing |
| Type of piloting | Piloted |
| Pilot air supply | Internal |
| Flow direction | non reversible |
| Overlap | Positive overlap |
| Signal status display | with accessories |
| b value | 0.4 |
| C value | 5.6 l/sbar |
| Switching time reversal | 20 ms |
| Duty cycle | 100 % |
| Max. input voltage | 28 V |
| Max. input current | 115 mA |
| Permissible voltage fluctuation | +/- 10 % |
| Operating medium | Compressed air in accordance with IS08573-1:2010 [7:4:4] |
| Note on operating and pilot medium | Lubricated operation possible (subsequently required for further |
| | operation) |
| Corrosion resistance classification CRC | 2 - Moderate corrosion stress |
| Medium temperature | -20 60 °C |
| Ambient temperature | -20 60 °C |
| Product weight | 685 g |
| Electrical connection | Plug pattern type A to EN 175301-803 |

FESTO



FESTO

| Feature | Value |
|-------------------------------|---------------------------------|
| | to EN 175301-803 |
| Mounting type | with through hole |
| Scavenging orifice connection | Non-ducted |
| Pneumatic connection, port 1 | G1/4 |
| Pneumatic connection, port 2 | NAMUR port pattern |
| Pneumatic connection, port 3 | G1/4 |
| Pneumatic connection, port 4 | NAMUR port pattern |
| Pneumatic connection, port 5 | G1/4 |
| Materials note | Conforms to RoHS |
| Material seals | NBR |
| Material housing | Wrought Aluminium alloy |
| Material screws | High alloy steel, non-corrosive |