

Solenoid coil VACF-B-R1-1RAL

Part number: 8150879

FESTO



 General operating condition

Data sheet

| Feature | Value |
|--|---|
| Type of actuation | Electrical |
| Mounting position | Any |
| Conforms to standard | ISO 20401 |
| Impact energy value | IK06 |
| Signal status display | LED |
| Duty cycle | 100% |
| Insulation material class | H |
| Insulation material class of enamelled wire | H |
| Nominal pick-up current per solenoid coil | 138 mA to 70 ms |
| Nominal current with current reduction | 50 mA after 70 ms |
| Characteristic coil data | 24VDC:NS1,2:HS3.3 |
| Permissible voltage fluctuations | +/-10% |
| Approval | c UL us - Recognised (Oil) |
| CE mark (see declaration of conformity) | To EU EMC Directive In accordance with EU RoHS Directive |
| UKCA marking (see declaration of conformity) | To UK instructions for EMC To UK RoHS instructions |
| Certificate issuing authority | UL MH18122 |
| Corrosion resistance class CRC | 2 - Moderate corrosion stress |
| LABS (PWIS) conformity | VDMA24364-B1/B2-L |
| Media temperature | -20 °C ... 60 °C |
| Degree of protection | IP65 |
| Ambient temperature | -20 °C ... 60 °C |
| Product weight | 49 g |
| Max. cable length | 30 M |
| Electrical connection 1, connection type | Plug |
| Electrical connection 1, connector system | M8x1, A-coded, to EN 61076-2-104 |
| Electrical connection 1, number of connections/cores | 4 |
| Electrical connection 1, connection pattern | 00991171 |
| Electrical connection 1, type of mounting | Screw-type lock |
| Type of mounting | Via knurled nut |
| Note on materials | RoHS compliant |
| Material housing | Process automation Steel |
| Material solenoid coil | Copper Steel Thermoplastic |

| Feature | Value |
|------------------|--------|
| Material winding | Copper |