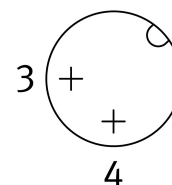


Solenoid coil VACF-B-R3-1RAL

Part number: 8150873

FESTO



Data sheet

| Feature | Value |
|------------------------------------------------------|-------------------------------------------------------------|
| Type of actuation | Electric |
| Mounting position | optional |
| Conforms to standard | IEC 61010-1 ISO 20401 |
| 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 up 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 - Recognized (OL) |
| 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 | 49.5 g |
| Max. cable length | 30 m |
| Electrical connection 1, connection type | Plugs |
| Electrical connection 1, connector system | M12x1, A-coded to EN 61076-2-101 |
| Electrical connection 1, number of connections/cores | 2 |
| Electrical connection 1, type of mounting | Screw-type lock |
| Type of mounting | Via knurled nut |

| Feature | Value |
|------------------------|----------------------------------|
| Note on materials | RoHS-compliant |
| Material housing | PA Steel |
| Material solenoid coil | Copper Steel Thermoplastic |
| Material winding | Copper |