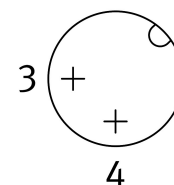


Solenoid coil VACS-C-R3-1RAL

Part number: 8194567

FESTO



Data sheet

| Feature | Value |
|--|---|
| Actuation type | Electrical |
| Mounting position | Any |
| Conforms to standard | IEC 61010-1 ISO 20401 |
| Signal status display | LED |
| Duty cycle | 100% |
| Insulation class | H |
| Enameled wire insulation class | H |
| Nominal pick-up current per solenoid coil | 138 mA to 70 ms |
| Nominal current with current reduction | 50 mA after 70 ms |
| Coil characteristics | 24VDC: NS1,2: HS3.3 |
| Permissible voltage fluctuations | +/- 10 % |
| Certification | c UL us - Recognized (OL) |
| CE marking (see declaration of conformity) | As per EU EMC directive As per 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 |
| Temperature of medium | -20 °C...60 °C |
| Degree of protection | IP65 |
| Ambient temperature | -20 °C...60 °C |
| Product weight | 33 g |
| Max. cable length | 30 m |
| Electrical connection 1, connection type | Plug |
| Electrical connection 1, connection technology | M12x1 A-coded as per EN 61076-2-101 |
| Electrical connection 1, number of pins/wires | 2 |
| Electrical connection 1, type of mounting | Screw-type lock |
| Type of mounting | With knurled nut |

| Feature | Value |
|------------------------|----------------------------------|
| Note on materials | RoHS-compliant |
| Housing material | PA Steel |
| Solenoid coil material | Copper Steel Thermoplastic |
| Material of winding | Copper |