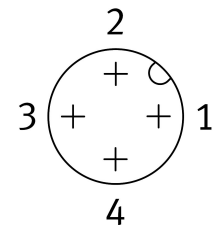


# Solenoid coil VACF-B-R4-1RAL

Part number: 8150880

**FESTO**



## Data sheet

| Feature                                        | Value                                                 |
|------------------------------------------------|-------------------------------------------------------|
| Actuation type                                 | Electrical                                            |
| Mounting position                              | Any                                                   |
| Conforms to standard                           | DESINA<br>IEC 61010-1                                 |
| Impact energy value                            | IK06                                                  |
| Signal status display                          | LED                                                   |
| Duty cycle                                     | 100%                                                  |
| Insulation class                               | H                                                     |
| Enameled wire insulation class                 | H                                                     |
| Nominal pick-up current per solenoid coil      | 138 mA up 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<br>As per EU RoHS directive   |
| UKCA marking (see declaration of conformity)   | To UK instructions for EMC<br>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                                 | 49.5 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  | 4                                                     |
| Electrical connection 1, type of mounting      | Screw-type lock                                       |

| Feature                | Value                          |
|------------------------|--------------------------------|
| Type of mounting       | With knurled nut               |
| Note on materials      | RoHS compliant                 |
| Housing material       | PA<br>Steel                    |
| Solenoid coil material | Copper<br>Steel<br>Thermoplast |
| Material of winding    | Copper                         |