

# Solenoid coil VACF-B-R3-1L

Part number: 8150876

**FESTO**



## Data sheet

 [General operating condition](#)

| Feature                                              | Value                            |
|------------------------------------------------------|----------------------------------|
| Type of actuation                                    | Electric                         |
| Mounting position                                    | optional                         |
| Conforms to standard                                 | IEC 61010-1<br>ISO 20401         |
| Signal status display                                | LED                              |
| Duty cycle                                           | 100%                             |
| Insulation material class                            | H                                |
| Insulation material class of enamelled wire          | H                                |
| Characteristic coil data                             | 24 V DC: 3.4 W                   |
| Permissible voltage fluctuations                     | +/- 10 %                         |
| Approval                                             | c UL us - Recognized (OL)        |
| Certificate issuing authority                        | UL MH18122                       |
| Corrosion resistance class CRC                       | 2 - Moderate corrosion stress    |
| LABS (PWIS) conformity                               | VDMA24364-B1/B2-L                |
| Media temperature                                    | -20 °C ... 50 °C                 |
| Degree of protection                                 | IP65                             |
| Ambient temperature                                  | -20 °C ... 50 °C                 |
| Product weight                                       | 49.5 g                           |
| 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, connection pattern          | 00995862                         |
| Electrical connection 1, type of mounting            | Screw-type lock                  |
| Type of mounting                                     | Via knurled nut                  |
| Note on materials                                    | RoHS-compliant                   |
| Material housing                                     | PA<br>Steel                      |
| Material solenoid coil                               | Copper<br>Steel<br>Thermoplastic |
| Material winding                                     | Copper                           |