

# Solenoid coil VACF-B-B2-1

Part number: 8030802

FESTO



 General operating condition

## Data sheet

| Feature                                               | Value                                                       |
|-------------------------------------------------------|-------------------------------------------------------------|
| Actuation type                                        | Electrical                                                  |
| Mounting position                                     | Any                                                         |
| Conforms to standard                                  | IEC 61010-1                                                 |
| Duty cycle                                            | 100%                                                        |
| Insulation class                                      | H                                                           |
| Coil characteristics                                  | 24 V DC: 3.3 W                                              |
| Permissible voltage fluctuations                      | +/- 10%                                                     |
| Certification                                         | c UL us - recognized (OL)                                   |
| Maritime classification                               | See certificate                                             |
| Certificate issuing authority                         | DNVGL-TAA000011J<br>UL MH18122                              |
| Restricted ambient and media temperature              | -20 - 50 °C                                                 |
| Corrosion resistance class (CRC)                      | 2 - Moderate corrosion stress                               |
| LABS (PWIS) conformity                                | VDMA24364-B1/B2-L                                           |
| Temperature of medium                                 | -20 °C ... 50 °C                                            |
| Degree of protection                                  | IP65                                                        |
| Ambient temperature                                   | -20 °C ... 60 °C                                            |
| Product weight                                        | 56.5 g                                                      |
| Electrical connection 1, connection type              | Plug                                                        |
| Electrical connection 1, connection technology        | Connection diagram form B as per industrial standard, 11 mm |
| Electrical connection 1, number of pins/wires         | 3                                                           |
| Electrical connection for input 1, connection pattern | 00997371                                                    |
| Electrical connection 1, type of mounting             | Central screw M3                                            |
| 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                                                      |