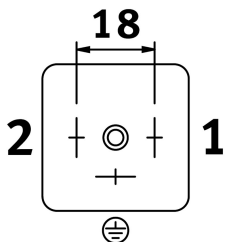


# Solenoid coil VACF-A-A1-7

Part number: 8030823

**FESTO**



## Data sheet

| Feature                                        | Value                                            |
|------------------------------------------------|--------------------------------------------------|
| Actuation type                                 | Electrical                                       |
| Mounting position                              | Any                                              |
| Conforms to standard                           | IEC 61010-1                                      |
| Duty cycle                                     | 100%                                             |
| Insulation class                               | H                                                |
| Coil characteristics                           | 48 V DC: 2.8 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                                 | 82.7 g                                           |
| Electrical connection 1, connection type       | Plug                                             |
| Electrical connection 1, connection technology | Connection diagram form A based on EN 175301-803 |
| Electrical connection 1, number of pins/wires  | 3                                                |
| 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                   |

| Feature             | Value  |
|---------------------|--------|
| Material of winding | Copper |