

# Solenoid coil VACC-S13-11-K4-1-NM4A

Part number: 8114078

FESTO



 General operating condition

## Data sheet

| Feature                                           | Value                                                             |
|---------------------------------------------------|-------------------------------------------------------------------|
| Type of actuation                                 | Electric                                                          |
| Mounting position                                 | optional                                                          |
| Switching position indicator                      | no                                                                |
| Duty cycle                                        | 100%                                                              |
| Required current consumption                      | 0.016 A                                                           |
| Insulation material class                         | H                                                                 |
| Max. input power $P_i$                            | 1.2 W                                                             |
| Max. input voltage $U_i$                          | 32 V                                                              |
| Max. input current $I_i$                          | 0.2 A                                                             |
| Characteristic coil data                          | 14 - 32 V DC: 0.22 - 1.1 W                                        |
| Effective internal capacitance $C_i$              | Negligibly low                                                    |
| Effective internal inductivity $L_i$              | Negligibly low                                                    |
| Permissible voltage fluctuations                  | -15%/+10%                                                         |
| Explosion protection certification outside the EU | EPL Db (BR)<br>EPL Gb (BR)                                        |
| Explosion protection                              | Zone 1 (BR)<br>Zone 21 (BR)                                       |
| Certificate issuing authority                     | DNV 17.0043X                                                      |
| Explosion ignition protection type for gas        | Ex i IIC T6, T5 Gb                                                |
| Explosion ignition protection type for dust       | Ex i IIIC T80°C, T95°C IP65 Db                                    |
| Explosion ambient temperature                     | T5, T95°C: -30°C ≤ Ta ≤ +65°C<br>T6, T80 °C: -30 °C ≤ Ta ≤ +50 °C |
| LABS (PWIS) conformity                            | VDMA24364 zone III                                                |
| Degree of protection                              | IP65                                                              |
| Product weight                                    | 330 g                                                             |
| Electrical connection                             | Terminal box, cable entry thread M20x1.5                          |
| Note on materials                                 | RoHS-compliant                                                    |