

# Solenoid coil VACN-H1-A1-3A

Part number: 8022879

**FESTO**



 [General operating condition](#)

## Data sheet

| Feature                                      | Value                                                            |
|----------------------------------------------|------------------------------------------------------------------|
| Mounting position                            | Any                                                              |
| Switching position indication                | No                                                               |
| Min. pick-up time                            | 12 ms                                                            |
| Duty cycle                                   | 100%                                                             |
| Power factor cos {phi}                       | 0.7                                                              |
| Coil characteristics                         | 230 V AC: 50/60 Hz, pick-up power 36.0 VA, holding power 18.9 VA |
| Surge resistance                             | 4 kV                                                             |
| Contamination level                          | 3                                                                |
| Permissible frequency fluctuations           | +/- 10%                                                          |
| Permissible voltage fluctuations             | +/- 10%                                                          |
| CE marking (see declaration of conformity)   | As per EU low voltage directive                                  |
| UKCA marking (see declaration of conformity) | To UK instructions for electrical equipment                      |
| Restricted ambient and media temperature     | (for limited duty cycle)<br>-20 - 60 °C                          |
| Corrosion resistance class (CRC)             | 4 - Particularly high corrosion stress                           |
| LABS (PWIS) conformity                       | VDMA24364 Zone III                                               |
| Degree of protection                         | IP65                                                             |
| Note on degree of protection                 | In mounted state                                                 |
| Ambient temperature                          | -20 °C ... 50 °C                                                 |
| Max. tightening torque of pneumatic fitting  | 2 Nm                                                             |
| Product weight                               | 150 g                                                            |
| Electrical connection                        | Type A<br>Plug<br>As per DIN EN 175301-803<br>Rectangular design |
| Type of mounting                             | With locknut                                                     |
| Note on materials                            | RoHS compliant                                                   |
| Solenoid coil material                       | Copper<br>Steel<br>Thermoplast                                   |
| Material of winding                          | Copper                                                           |