

KY98C962

Push button for integration • Capacitive

Sensor capacitive, push buttons, M18x1, 22.5mm, STOP, 19-29V DC, -30-70°C, relay contact NC, M8 plug connector 4-pin, IP67, plastic anodized/anodized, LED



Capacitive proximity switches are contact-free sensors. They detect metallic and non-metallic objects, regardless of whether they move or not. The achievable sensing range of the devices depends on the object material, its dimensions and the response sensitivity, which is set via a potentiometer. The vibration-resistant sensors can be approached laterally or frontally. Capacitive proximity switches are used for presence detection (e.g. sealing detection), positioning (e.g. PET bottles), counting (e.g. plastic caps), level detection (e.g. lubricant) or distance measurements (e.g. thickness measurement) of solid and liquid materials.

Electrical features

| | |
|-------------------------------|------------------------------|
| Display | LED display |
| Type of switching function | Normally closed contact (NC) |
| Type of electrical connection | Connector M8 |
| Type of switching output | Relay contact |
| Rated switching current | 400 mA |
| No-load current | 30 mA |
| Number of pins | 4 |
| Voltage drop | 2.5 V |
| Reverse polarity protection | Yes |
| Operating voltage (DC) | 19,2 - 28,8 V |

Mechanical features

| | |
|---------------------------|----------------|
| Design | Round |
| Thread length | 10 mm |
| Thread pitch | 1 mm |
| Hole diameter | 22.5 mm |
| Maximum tightening torque | 1 Nm |
| Mounting method | Counter thread |
| Surface | teflon coated |
| Degree of protection (IP) | IP67 |
| Front ring material | Metal |
| Housing material | Plastic |
| Thread dimension | M18 |
| Ambient temperature | -30 - 70 °C |

Other features

| | |
|-----------------|------|
| Printing | STOP |
| With front ring | Yes |

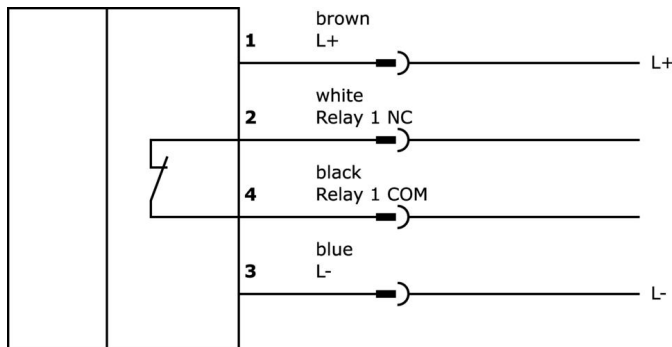
Classification

| | |
|--------|------------------------------------|
| ETIM 8 | EC001028 Pushbutton, complete unit |
|--------|------------------------------------|

More

| | |
|-----------------------|---------------------|
| IPF Product Group | 690 diverse sensors |
| packaging dimensions | 105 x 43 x 43 mm |
| gross weight | 30 g |
| Customs tariff number | 85365019 |
| WEEE number | 40951076 |
| Reach-compliant | Yes |
| RoHS-compliant | Yes |

Connection



Extract accessories program

VK000040



Adaption, M8 Female (socket) 4pin Straight, M12 Male (connector) 4pin Straight, 24V, -25-85°C, IP67, Oil and cooling lubricants, Welding area

VK030F71



Connection cable, 0.3m, M8 socket 4-pin angular, M8 connector 4-pin straight, 4-core, PUR (polyurethane), suitable for trailing chain and torsion resistant, oils and cooling lubricants, welding area, silicone-free

VK030F75



Connection cable, 0.3m, M8 socket 4-pin straight, M8 connector 4-pin straight, 4-core, PUR (polyurethane), suitable for trailing chain and torsion-resistant, oils and cooling lubricants, welding area, silicone-free

You can find further accessories on our homepage



Installation

Mounting / installation may only be carried out by a qualified electrician!



Disposal

WEEE number according to § 6 para. 3 ElektroG: 40951076

Safety warnings

- / Before initial operation, please make sure to follow all safety instructions that may be provided in the product information.
- / Never use these devices in applications where the safety of a person depends on their functionality.