

## KY98C054

### CAPACITIVE SENSORS • INTEGRATED BUTTON

sensor capacitive, push button, M18x1, 22.5mm, 19-29V DC, -30°C, Relay contact NO, Connector M8 4pin, IP67, Plastic Anodised, With LED display



#### MECHANICAL FEATURES

|                           |                        |
|---------------------------|------------------------|
| Ambient temperature       | -30 °C ... 70 °C       |
| Button design             | Flat                   |
| Degree of protection (IP) | IP67                   |
| Design                    | Cylinder, screw-thread |
| Front ring color          | Chrome                 |
| Front ring material       | Metal                  |
| Hole diameter             | 22.5 mm                |
| Housing coating           | Anodized               |
| Housing material          | Plastic                |
| Lens design               | Round                  |
| Max. tightening torque    | 1 Nm                   |
| Thread length             | 10 mm                  |
| Thread pitch              | 1 mm                   |
| Thread size, metric       | 18                     |

#### ELECTRICAL FEATURES

|   |                       |
|---|-----------------------|
| No-load current                             | 30 mA                 |
| Number of contacts as normally open contact | 1                     |
| Number of pins                              | 4                     |
| Rated control supply voltage $U_s$ at DC    | 19.2 V ... 28.8 V     |
| Rated switching current                     | 400 mA                |
| Reverse polarity protection                 | +                     |
| Scanning                                    | +                     |
| Short-circuit protection                    | +                     |
| Suitable for illumination                   | +                     |
| Supply voltage of lamp                      | 24 V                  |
| Switching function, latching                | -                     |
| Type of electrical connection               | Connector M8          |
| Type of switching function                  | Normally open contact |
| Type of switching output                    | Relay contact         |
| Voltage drop                                | 2.5 V                 |
| Voltage type                                | DC                    |
| With LED display                            | +                     |

## OTHER FEATURES

With front ring

+

## Other

Packaging dimensions

43.0mm x 43.0mm x 105.0mm

Shipping weight

0.03kg

Tariff code

85365019

## Classification

ipf product group

700

eClass 8.0

27371228

eClass 9.0

27371228

eClass 9.1

27371228

ETIM-5.0

EC001028

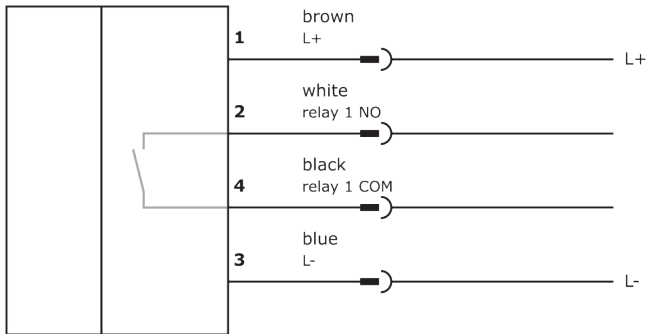
ETIM-6.0

EC001028

ETIM-7.0

EC001028

## Connection



## Dimensional drawing

## Installation



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

## Disposal



## 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.

LED lighting systems can generate intensive UV radiation, which can damage your eyes in case of improper use. The manufacturer cannot be held responsible for damages that result from improper use or connection.