

Pepperl Fuchs Capacitive sensor CBB8-18GS75-E2 8 mm flush

Our Product Introduction

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Basic Information

- Place of Origin: Germany
- Brand Name: PEPPERL FUCHS
- Model Number: CBB8-18GS75-E2
- Minimum Order Quantity: 1
- Price: Negotiable
- Packaging Details: carton
- Delivery Time: Negotiable
- Payment Terms: T/T
- Supply Ability: 100pcs per month



Product Specification

- Manufacturer: PEPPERL FUCHS
- Product No: CBB8-18GS75-E2
- Operating Voltage: 10 ... 30 V
- Switching Frequency: 0 ... 100 Hz
- Short-circuit Protection: Pulsing
- Voltage Drop: ≤ 1.5 V
- Operating Current: 0 ... 100 mA
- MTTFd: 343 A



More Images



Product Description

Pepperl Fuchs Capacitive sensor CBB8-18GS75-E2 8 mm flush

8 mm flush

The switching distance can be set over a wide range with the potentiometer

General specifications

Switching function Normally open (NO)

Output type PNP

Rated operating distance 1 ... 8 mm

Installation flush

Output polarity DC

Output type 3-wire

Nominal ratings

Installation conditions

A 0 mm

B 0 mm

C 16 mm

F 36 mm

Operating voltage 10 ... 30 V

Switching frequency 0 ... 100 Hz

Reverse polarity protection reverse polarity protected

Short-circuit protection pulsing

Voltage drop ≤ 1.5 V

Temperature drift max. 20 % at -5 ... 55 °C (23 ... 131 °F)

Operating current 0 ... 100 mA

No-load supply current ≤ 18 mA

Time delay before availability max. 300 ms

Functional safety related parameters

MTTFd 343 a

Mission Time (TM) 20 a

Diagnostic Coverage (DC) 0 %

Indicators/operating means

LED green Operating display

LED yellow indication switching state

Potentiometer sensitivity adjustment

Compliance with standards and directives

Standard conformity

Standards EN IEC 60947-5-2

Approvals and certificates

UL approval cULus Listed, General Purpose

CCC approval CCC approval / marking not required for products rated ≤ 36 V

Ambient conditions

Ambient temperature -25 ... 85 °C (-13 ... 185 °F)

Mechanical specifications

Connection type cable PUR , 2 m

Core cross section 0.34 mm²

Housing material Stainless steel 1.4305 / AISI 303

Sensing face PBT

Degree of protection IP67

Dimensions

Length 75 mm

Diameter 18 mm



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