

**Product Datasheet** 

# **Capacitive Sensor**



### Stock No.

8967273

### **Feature Description**

- ◆ Wide range of detecting object: metal, plastic, liquid
- ◆ Surge, reverse polarity protection
- ◆ Housing material : PBT
- ◆ Protection degree : IP67 (IEC)

RS, Professionally Approved Products, gives you professional quality parts across all products categories. Our range has been testified by engineers as giving comparable quality to that of the leading brands without paying a premium price.

### ENGLISH



# ENGLISH

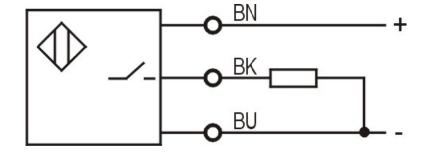
### Features

Mounting	Non-flush
Sensing range Sn	10mm
Setting distance	08.1mm
Housing Size	20mm*50mm*10mm
Output	PNP NO
Power supply	1030V DC
Standard target	Fe 50*50*1t
Temperature drifts	≤±20%
Hysteresis	320%
Repeat accuracy	≤3%
Load current	≤200mA
Residual voltage	≤2.5VDC
Consumption current	≤15mA
Protection circuit	Surge and reverse polarity protection
Indicator	Yellow LED
Ambient temperature	-10+55°C
Ambient RH	35-95%RH
Frequency	30Hz
Dielectric strength	1000V/AC 50/60Hz 60s
Insulation resistance	≥50MΩ (500VDC)
Anti-vibration	1.5mm amplitude at 10 to 55Hz for 2hours each in x, y, z D-D
Protection degree	IP67
Housing material	PBT
Connection	PVC Cable 2m



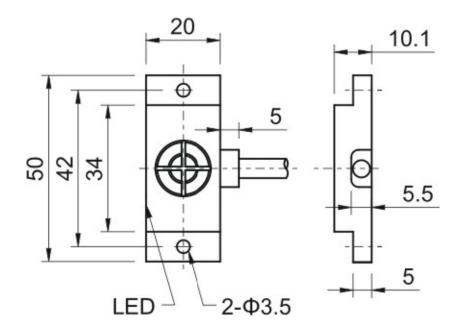
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### **Connection diagram**



Note: Customize for cable length, housing material and shape.

### **Dimension (mm)**



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