

## **Product Datasheet**

**ENGLISH** 

# **Capacitive Sensor**



Stock No. 8967254 8967251 8967263

### **Feature Description**

◆ Wide range of detecting object: metal, plastic, liquid

◆ Surge, overloaded, short-circuit, reverse polarity protection

◆ Housing material : PBT

◆ Protection degree : IP67 (IEC)



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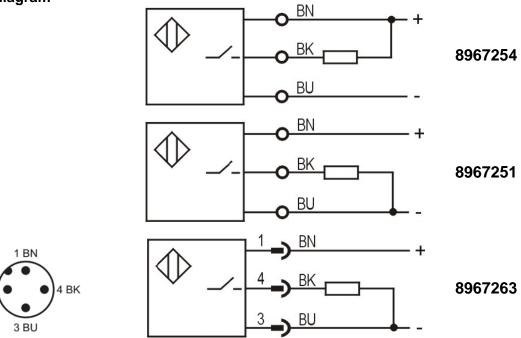
#### **Features**

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Mounting	Embeddable			
Sensing range Sn	10mm (adjustable)			
Setting distance	08.0mm			
Housing Size	M30*62	M30 <sup>3</sup>	*62	M30*79
Thread size	M30*1.5*50			
Output	NPN NO	PNP	NO	PNP NO
Power supply	1030V DC			
Standard target	Fe30*30*1t			
Temperature drifts	≤±20%			
Hysteresis	320%			
Repeat accuracy	≤3%			
Load current	≤200mA			
Residual voltage	≤2.5V DC			
Consumption current	≤15mA			
Protection circuit	Surge, overloaded, short-circuit, reverse polarity protection			
Indicator	Yellow LED			
Ambient temperature	-2570°C			
Ambient RH	35-95%RH			
Frequency	50Hz			
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	PVC (	Cable 2m	M12 Connector



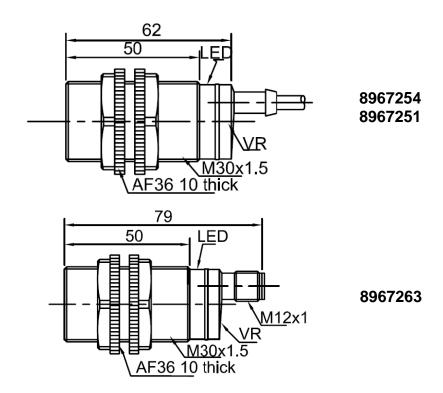
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#### **Connection diagram**



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

#### **Dimension (mm)**



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