

# Inductive Proximity Sensor 6.5 mm Smooth Barrel

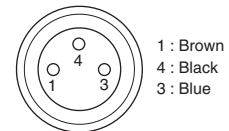
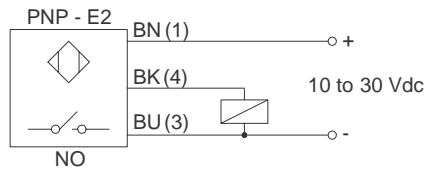
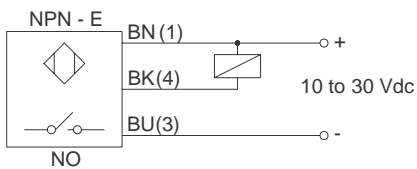
## Specifications

Type			Inductive Proximity Sensor	
			Shielded - Flush Mount	Non-shielded - Non-flush Mount
Model Number	Cable Type	NPN	<b>PS1.5-6.5-45-E</b>	<b>PS2-6.5-45-E</b>
		PNP	<b>PS1.5-6.5-45-E2</b>	<b>PS2-6.5-45-E2</b>
	M8 QD Type	NPN	<b>PS1.5-6.5-60-E-V8</b>	<b>PS2-6.5-60-E-V8</b>
		PNP	<b>PS1.5-6.5-60-E2-V8</b>	<b>PS2-6.5-60-E2-V8</b>
Sensing Range		1.5 mm	2 mm	
Hysteresis		5 %		
Repeatability		< 0.01 mm		
Supply Voltage		10 ~ 30 VDC incl. 10% ripple		
Current Consumption		< 10 mA max.		
Max. Switching Freq.		1 kHz	600 Hz	
Control Output		NPN or PNP Open Collector Transistor, 100 mA / 30 VDC Max.		
Operation Mode		Normally Open		
Output Protection		Short circuit and Reverse polarity protection		
Sensitivity Adjustment		-----		
Indicators		Output LED		
Conformity		CE		
Ambient Temperature		-25° to +70°C		
IP Protection		IP67		
Material		Nickel plated brass		



Note: Cables are not included with the QD sensor, please order separately.

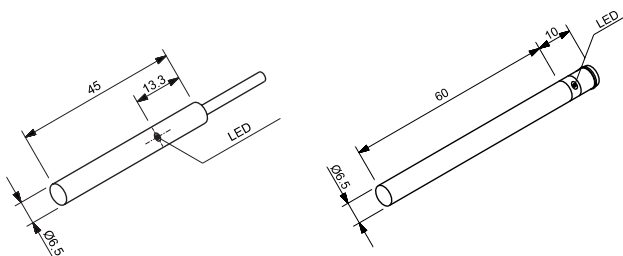
## Electrical Connection



## Dimensions (Unit: mm)

**PS1.5-6.5**

Shielded



**PS2-6.5**

Non-Shielded

