

Inductive Proximity Sensor 12 mm Threaded Plastic Barrel

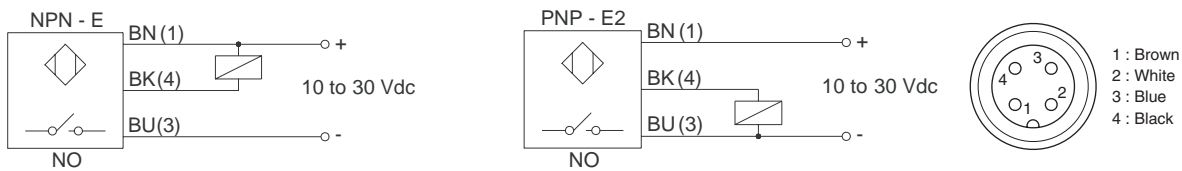
Specifications

Type			Inductive Proximity Sensor	
			Shielded - Flush Mount	Non-shielded - Non-flush Mount
Model Number	Cable Type	NPN	PS2-12GP50-E	PS4-12GP50-E
		PNP	PS2-12GP50-E2	PS4-12GP50-E2
	M12 QD Type	NPN	PS2-12GP50-E-V1	PS4-12GP50-E-V1
		PNP	PS2-12GP50-E2-V1	PS4-12GP50-E2-V1
Sensing Range		2 mm	4 mm	
Hysteresis		5 %		
Repeatability		< 0.01 mm		
Supply Voltage		10 ~ 30 VDC incl. 10% ripple		
Current Consumption		< 10 mA max.		
Max. Switching Freq.		800 Hz	400 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		Rynite Thermoplastic		



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

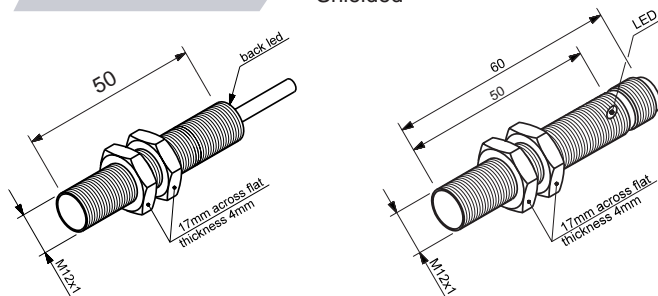
Electrical Connection



Dimensions (Unit: mm)

PS2-12GP50

Shielded



PS4-12GP50

Non-Shielded

