

# Inductive Proximity Sensor Increased Sensing Distance 18 mm Threaded Barrel

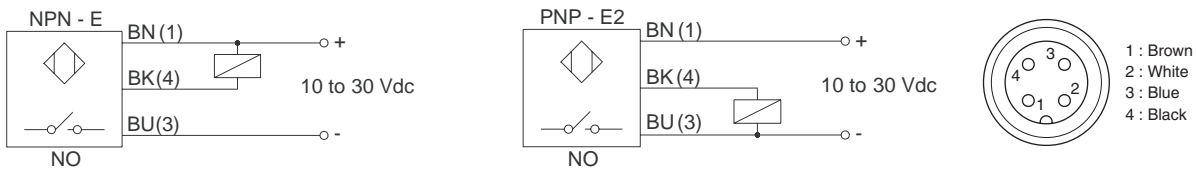
## Specifications

Type			Increased Sensing Distance Inductive Proximity Sensor	
			Semi-flush Mount	Non-shielded - Non-flush Mount
Model Number	Cable Type	NPN	<b>PSL8-18GI50-E</b>	<b>PSL12-18GI50-E</b>
		PNP	<b>PSL8-18GI50-E2</b>	<b>PSL12-18GI50-E2</b>
	M12 QD Type	NPN	<b>PSL8-18GI50-E-V1</b>	<b>PSL12-18GI50-E-V1</b>
		PNP	<b>PSL8-18GI50-E2-V1</b>	<b>PSL12-18GI50-E2-V1</b>
Sensing Range			8 mm	12 mm
Hysteresis			5 %	
Repeatability			< 0.01 mm	< 0.01 mm
Supply Voltage			10 ~ 30 VDC incl. 10% ripple	
Current Consumption			< 10 mA max.	
Max. Switching Freq.			400 Hz	200 Hz
Control Output			NPN or PNP Open Collector Transistor, 200 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.

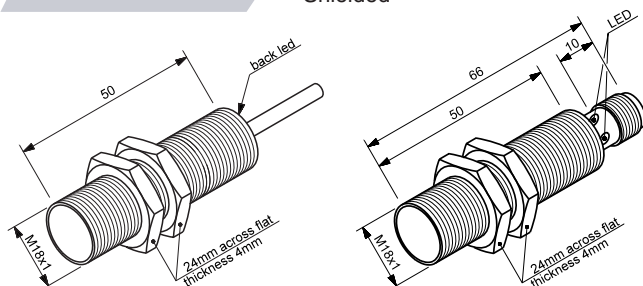
## Electrical Connection



## Dimensions (Unit: mm)

### PSL8-18GI50

Shielded



### PSL12-18GI50

Non-Shielded

