

Inductive Proximity Sensor 18 mm Threaded Plastic Barrel

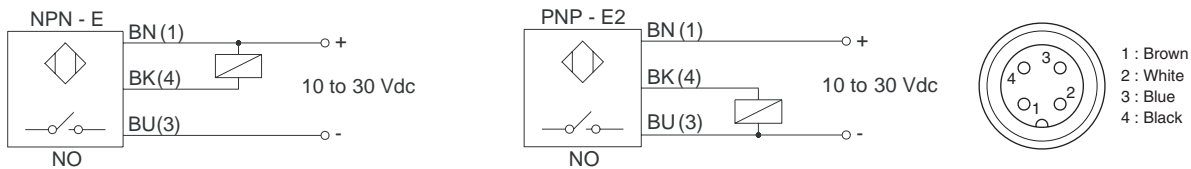
Specifications

Type			Inductive Proximity Sensor	
			Shielded - Flush Mount	Non-shielded - Non-flush Mount
Model Number	Cable Type	NPN	PS5-18GP50-E	PS8-18GP50-E
		PNP	PS5-18GP50-E2	PS8-18GP50-E2
	M12 QD Type	NPN	PS5-18GP50-E-V1	PS8-18GP50-E-V1
		PNP	PS5-18GP50-E2-V1	PS8-18GP50-E2-V1
Sensing Range			5 mm	8 mm
Hysteresis			5 %	
Repeatability			< 0.01 mm	
Supply Voltage			10 ~ 30 VDC incl. 10% ripple	
Current Consumption			< 10 mA max.	
Max. Switching Freq.			500 Hz	600 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			Rynite Thermoplastic	



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

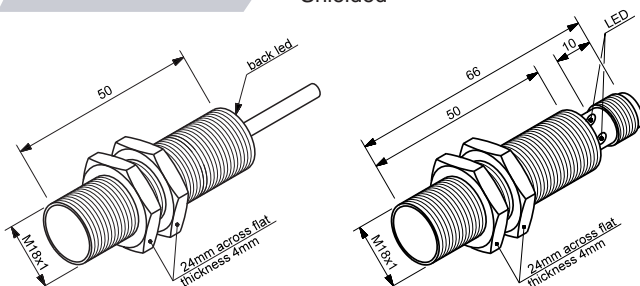
Electrical Connection



Dimensions (Unit: mm)

PS5-18GP50

Shielded



PS8-18GP50

Non-Shielded

