

Capacitive Proximity Sensor 12 mm Threaded Barrel

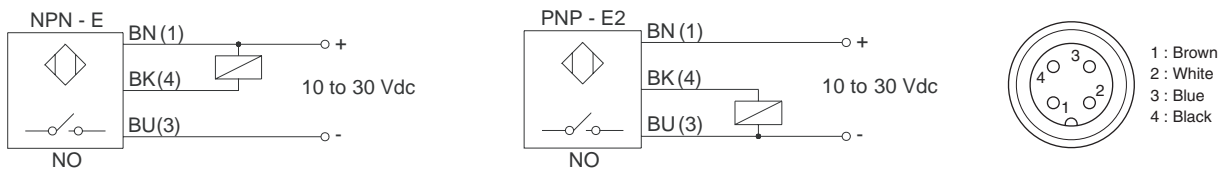
Specifications

Type			Capacitive Proximity Sensor	
			Shielded - Flush Mount	Non-shielded - Non-flush Mount
Model Number	Cable Type	NPN	CS4-12GI70-E	CS8-12GI70-E
		PNP	CS4-12GI70-E2	CS8-12GI70-E2
	M12 QD Type	NPN	CS4-12GI70-E-V1	CS8-12GI70-E-V1
		PNP	CS4-12GI70-E2-V1	CS8-12GI70-E2-V1
Sensing Range		4 mm	8 mm	
Hysteresis		10 ~ 20 %		
Repeatability		< 0.01 mm		
Supply Voltage		10 ~ 30 VDC incl. 10% ripple		
Current Consumption		< 10 mA max.		
Max. Switching Freq.		10 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.

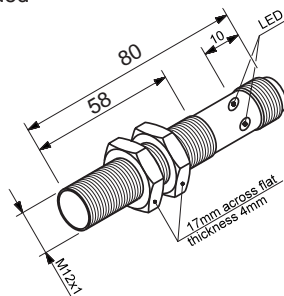
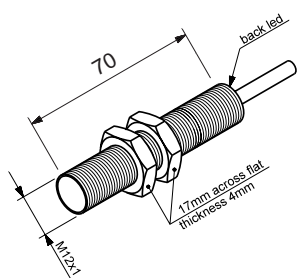
Electrical Connection



Dimensions (Unit: mm)

CS4-12GI70

Shielded



CS8-12GI70

Non-Shielded

