

Inductive Proximity Sensor 3 mm Smooth Barrel

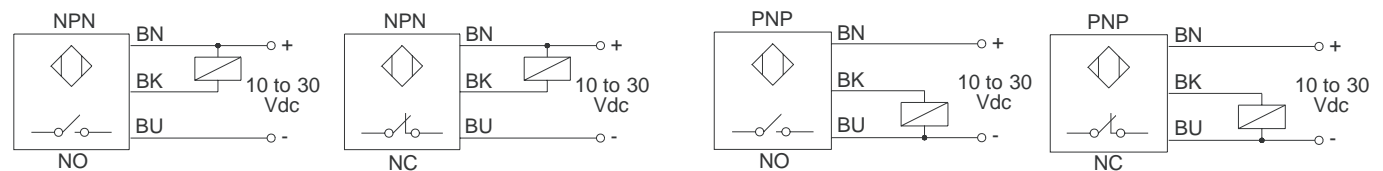
Specifications

Type			3 mm Smooth Barrel Inductive Proximity Sensor	
			Normally Open	Normally Closed
Model Number	Cable Type	NPN	R-GX-3S-R	R-GX-3SB-R
		PNP	R-GX-3S-R-PNP	R-GX-3SB-R-PNP
	M8 3 Pin QD Type	NPN	----	----
		PNP	----	----
Sensing Range			0.6 mm	
Hysteresis			< 15 % of sensing range	
Repeatability			< 1.0 % of sensing range	
Supply Voltage			10 ~ 30 VDC incl. 10% ripple	
Current Consumption			< 10 mA max.	
Max. Switching Freq.			2 kHz	
Control Output			NPN or PNP Open Collector Transistor, 100 mA / 30 VDC Max.	
Response Time			0.1 msec.	
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			Stainless steel	



All models feature Robotic cable for applications where the sensor is mounted on a moving apparatus.

Electrical Connection



Dimensions (Unit: mm)

R-GX-3S(B)-R

