

Inductive Proximity Sensor 3.8 mm Smooth Barrel

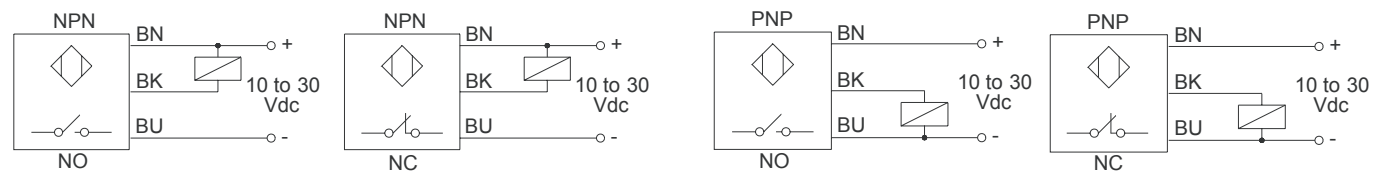
Specifications

Type			3.8 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 ^o to +70 ^o 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

