

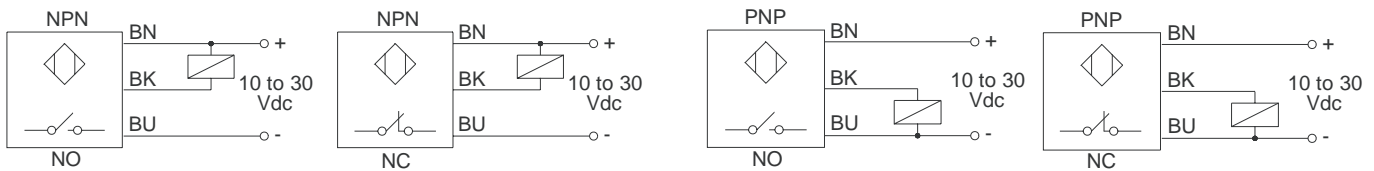
Miniature Inductive Proximity Sensor 10 & 12 mm Front Sensing

Specifications

Type			Miniature Inductive Proximity Sensor	
			10 mm Front Sensing	12 mm Front Sensing
Model Number	Normally Open	NPN	MQP2-1002N-A3U2F	MQP2-1202N-A3U2F
		PNP	MQP2-1002P-A3U2F	MQP2-1202P-A3U2F
	Normally Closed	NPN	MQP2-1002N-B3U2F	MQP2-1202N-B3U2F
		PNP	MQP2-1002P-B3U2F	MQP2-1202P-B3U2F
Sensing Range			2 mm	
Hysteresis			< 15 % of sensing range	
Repeatability			< 0.04 mm	
Supply Voltage			10 ~ 30 VDC incl. 10% ripple	
Current Consumption			< 10 mA max.	
Max. Switching Freq.			500 Hz	
Control Output			NPN or PNP Open Collector Transistor, 100 mA / 30 VDC Max.	
Response Time			0.5 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			Polycarbonate	

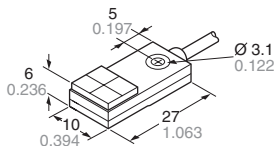


Electrical Connection



Dimensions (Unit: mm)

MQP2-1002(N/P)-(A/B)3U2F



MQP2-1202(N/P)-(A/B)3U2F

