

# Inductive Proximity Sensor 8 mm Threaded & Smooth Barrel

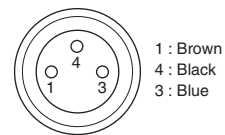
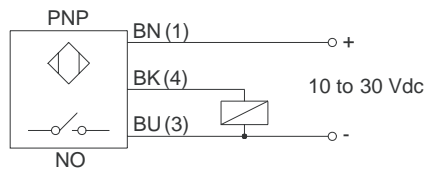
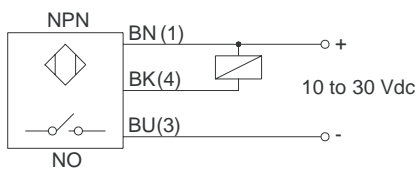
## Specifications

Type			Inductive Proximity Sensor			
			M8 Threaded Barrel	8 mm Smooth Barrel	M8 Threaded Short Barrel	8 mm Smooth Short Barrel
Model Number	Cable Type	NPN	<b>FCU1-0801N-A3U2</b>	<b>FCU1-D0801N-A3U2</b>	<b>FCU1-081.5N-A3R2</b>	<b>FCU1-D081.5N-A3R2</b>
		PNP	<b>FCU1-0801P-A3U2</b>	<b>FCU1-D0801P-A3U2</b>	<b>FCU1-081.5P-A3R2</b>	<b>FCU1-D081.5P-A3R2</b>
	M8 3 Pin QD Type	NPN	----	----	<b>FCU1-081.5N-ACR3</b>	----
		PNP	----	----	<b>FCU1-081.5P-ACR3</b>	----
Sensing Range			1.0 mm		1.5 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.			
Output Operation			Normally Open *			
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			

\* To order the Normally Closed models change the "A" in the part number to a "B" (eg. FCU1-081.5N-BCR3)

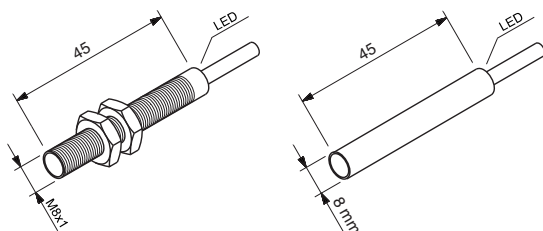
Note: Cables are not included with the QD sensor, please order separately.

## Electrical Connection

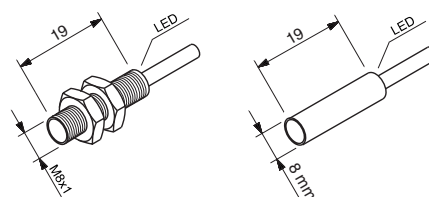


## Dimensions (Unit: mm)

**FCU1-(D)0801(N/P)-A3U2**



**FCU1-(D)081.5(N/P)-A3R2**



**FCU1-081.5(N/P)-ACR3**

