

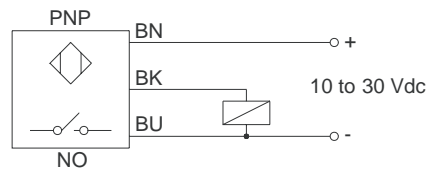
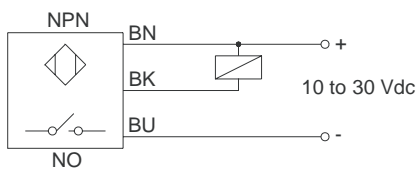
# Inductive Proximity Sensor 4 mm Smooth Barrel

## Specifications

Type		Inductive Proximity Sensor	
		4 mm Smooth Barrel - Shielded	M4 Threaded Barrel - Shielded
Model Number	NPN	<b>FCU1-D0401N-A3U2</b>	<b>FCU1-040.8N-A3U2</b>
	PNP	<b>FCU1-D0401P-A3U2</b>	<b>FCU1-040.8P-A3U2</b>
Sensing Range		1 mm	0.8 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.	
Operation Mode		Normally Open	
Output Protection		Short circuit and Reverse polarity protection	
Sensitivity Adjustment		-----	
Indicators		Output LED	
Conformity		CE	
Ambient Temperature		-25 <sup>o</sup> to +70 <sup>o</sup> C	
IP Protection		IP67	
Material		Stainless steel	

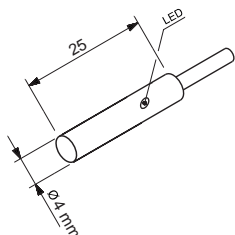


## Electrical Connection



## Dimensions (Unit: mm)

**FCU1-D0401(N/P)-A3U2**



**FCU1-040.8(N/P)-A3U2**

