## 1-800-633-0405 **PD Series Inductive Proximity Sensors**



Price

\$54.00

\$54.00

\$54.00

\$54.00

\$64.00

\$64.00

\$64.00

\$64.00

Part Number

PD1-AN-1A

PD1-AP-1A

PD1-AN-1F

PD1-AP-1F

<u>PD1-AN-3A</u>

PD1-AP-3A

PD1-AN-3F

PD1-AP-3F

Mounting Type

Output Type

Voltage Drop

Ripple

**Operating Distance** 

**Operating Voltage** 

**No-load Supply Current** 

Switching Frequency

Indication/Switch Status

Sensing Face Material

Housing Material

Shock/Vibration

Weight

Connection

**Tightening Torque** 

Operating (Load) Current

Off-state (Leakage) Current

Nominal Sensing Distance

Material Correction Factors

Extended Distance

Standard Distance

### Miniature M5 (5mm) stainless steel – DC

- Stainless steel construction
- Axial cable or M8 quickdisconnect models
- · Complete overload protection

Mountina

Flush

Flush

Flush

Flush

Flush

Flush

Flush

Flush

IP67 rated

Sensing Range

mm [in]

0.8 [0.03]

0.8 [0.03]

0.8 [0.03]

0.8 [0.03]

1.5 [0.06]

1.5 [0.06]

1.5 [0.06]

1.5 [0.06]

- Smallest self-contained inductive proximity sensor available on the U.S. market
- LED status indicator
- Lifetime warranty



7.0

[0.28]

2.5 [0.10]

LED

Ø3.5

[0.14]

7.0 [0.28]

SW7

2.5

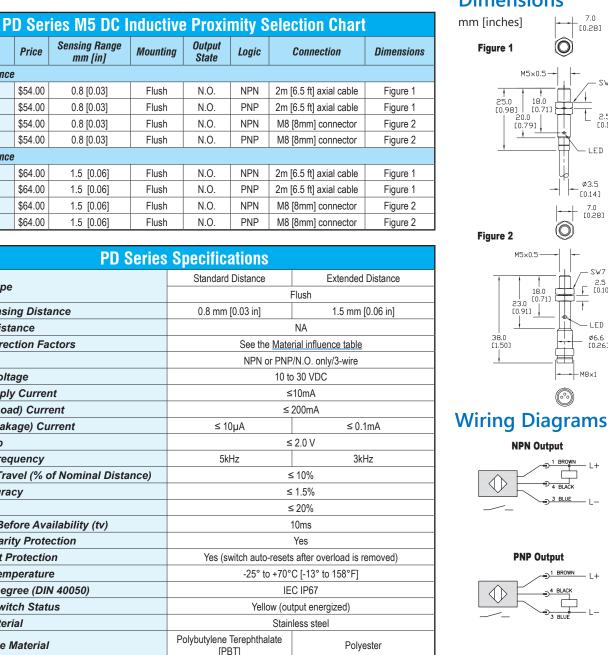
LED

Ø6.6

[0.26]

M8×1

#### Dimensions



Connector M8 connector



Agency Approvals	UL file E328811			
To obtain the most current agency approval information, see the Agency Approval Checklist section on the specific				
part number's web page.				

43g [1.52 oz]/10g [0.36 oz]

See Proximity Sensor Terminology

1.5 Nm (13.3 lb./in.)

2 meter [6.5 ft] PVC axial cable / M8 connector

34g [1.20 oz]/4g [0.14 oz]



# Accessories for 5mm Sensors

## **Right-angle Mounting Bracket**

Mounting bracket, right-angle, plastic. For use with 5mm sensors.

	Accessories for 5mm Sensors				
Part Number	Price	Description	Drawing Link	Weight [lb]	
<u>OPT2100</u>	\$8.00	Wenglor mounting bracket, right-angle, plastic. For use with 5mm sensors.	PDF	0.02	



**OPT2100**