

# PBE6-CP-1A Cut Sheet



ProSense inductive proximity sensor, tubular, 8mm diameter x 40.4mm body, nickel-plated brass housing, PNP, N.C. output, 1.5mm sensing distance, flush, 1000 Hz switching frequency, IP67, pigtail.

For complete product information, please see this item on our store at the following link:



<https://www.automationdirect.com/pn/PBE6-CP-1A>

## Technical Specifications

<b>Brand</b>	ProSense
<b>Item</b>	Proximity sensor
<b>Sensor Type</b>	Inductive
<b>Application</b>	Standard duty
<b>Shape</b>	Tubular
<b>Housing Size</b>	8mm diameter x 40.4mm body
<b>Housing Material</b>	Nickel-plated brass
<b>Barrel Type</b>	Threaded
<b>Sensing Method</b>	Standard sensing
<b>Adjustable</b>	No
<b>Number of Wires</b>	3
<b>Switching Output</b>	PNP
<b>Operation Mode</b>	N.C. output
<b>Sensing Distance</b>	1.5mm

<b>Mounting Type</b>	Flush
<b>IO-Link Compatible</b>	No
<b>Switching Frequency</b>	1000 Hz
<b>Operating Voltage</b>	10-30 VDC
<b>Operating Temperature</b>	-25 to 70c
<b>Weld Field Immune</b>	No
<b>Chip Immune</b>	No
<b>IP Rating</b>	IP67
<b>Connection</b>	Pigtail
<b>Conductor Size</b>	26 AWG
<b>Cable Length</b>	6.5ft/2m
<b>Jacket Material</b>	PVC
<b>Includes</b>	Mounting hardware

## Agency Approvals

<b>UL Listed File #</b>	E328811
<b>UL Recognized File #</b>	None
<b>UL Hazardous File #</b>	None
<b>CE</b>	<a href="#">View CE declarations</a>
<b>CSA File #</b>	None
<b>RoHS Status</b>	Yes (See CE Doc)
<b>EU REACH</b>	<a href="#">View EU REACH document</a>

## Dimensional Drawings



2D Drawing PDF Link:  
<https://cdn.automationdirect.com/static/drawings/PBE6-CP-1A.pdf>  
See store item page for other formats.