

# AC1-CN-1F Cut Sheet



Micro Detectors inductive proximity sensor, tubular, 4mm diameter x 38.5mm body, stainless steel housing, NPN, N.C. output, 0.8mm sensing distance, flush, 7 kHz switching frequency, IP67, 3-pin M8 quick-disconnect.

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



<https://www.automationdirect.com/pn/AC1-CN-1F>

## Technical Specifications

<b>Brand</b>	Micro Detectors
<b>Item</b>	Proximity sensor
<b>Sensor Type</b>	Inductive
<b>Application</b>	Standard duty and small space
<b>Shape</b>	Tubular
<b>Housing Size</b>	4mm diameter x 38.5mm body
<b>Housing Material</b>	Stainless steel
<b>Barrel Type</b>	Smooth
<b>Sensing Method</b>	Standard sensing
<b>Adjustable</b>	No
<b>Number of Wires</b>	3
<b>Switching Output</b>	NPN

<b>Operation Mode</b>	N.C. output
<b>Sensing Distance</b>	0.8mm
<b>Mounting Type</b>	Flush
<b>IO-Link Compatible</b>	No
<b>Switching Frequency</b>	7 kHz
<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>	3-pin M8 quick-disconnect
<b>Additional Information</b>	Purchase cable separately

## Agency Approvals

<b>UL Listed File #</b>	E187310
<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/AC1-CN-1F.pdf>  
See store item page for other formats.