

# PFK1-BN-1H Cut Sheet



Micro Detectors inductive proximity sensor, tubular, 18mm diameter x 63mm body, 316L stainless steel housing, NPN, N.O./N.C. complementary outputs, 5mm sensing distance, flush, 1.5 kHz switching frequency, IP67 IP68 IP69K, 4-pin M12 quick-disconnect.

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



<https://www.automationdirect.com/pn/PFK1-BN-1H>

## Technical Specifications

<b>Brand</b>	Micro Detectors
<b>Item</b>	Proximity sensor
<b>Sensor Type</b>	Inductive
<b>Application</b>	Food and beverage
<b>Shape</b>	Tubular
<b>Housing Size</b>	18mm diameter x 63mm body
<b>Housing Material</b>	316L stainless steel
<b>Barrel Type</b>	Threaded
<b>Sensing Method</b>	Standard sensing
<b>Adjustable</b>	No
<b>Number of Wires</b>	4
<b>Switching Output</b>	NPN
<b>Operation Mode</b>	N.O./N.C. complementary outputs

<b>Sensing Distance</b>	5mm
<b>Mounting Type</b>	Flush
<b>IO-Link Compatible</b>	No
<b>Switching Frequency</b>	1.5 kHz
<b>Operating Voltage</b>	10-30 VDC
<b>Operating Temperature</b>	-40 to 80C
<b>Weld Field Immune</b>	No
<b>Chip Immune</b>	No
<b>IP Rating</b>	IP67 IP68 IP69K
<b>Connection</b>	4-pin M12 quick-disconnect
<b>Includes</b>	Mounting hardware
<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/PFK1-BN-1H.pdf>  
See store item page for other formats.