

PFK1-BN-4H Cut Sheet



Micro Detectors inductive proximity sensor, tubular, 18mm diameter x 63mm body, 316L stainless steel housing, NPN, N.O./N.C. complementary outputs, 12mm sensing distance, non-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-4H>

Technical Specifications

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

Sensing Distance	12mm
Mounting Type	Non-flush
IO-Link Compatible	No
Switching Frequency	1.5 kHz
Operating Voltage	10-30 VDC
Operating Temperature	-40 to 80C
Weld Field Immune	No
Chip Immune	No
IP Rating	IP67 IP68 IP69K
Connection	4-pin M12 quick-disconnect
Includes	Mounting hardware
Additional Information	Purchase cable separately

Agency Approvals

UL Listed File #	E187310
UL Recognized File #	None
UL Hazardous File #	None
CE	View CE declarations
CSA File #	None
RoHS Status	Yes (See CE Doc)
EU REACH	View EU REACH document

Dimensional Drawings



2D Drawing PDF Link:
<https://cdn.automationdirect.com/static/drawings/PFK1-BN-4H.pdf>
See store item page for other formats.