Catalogue No: **872C-DH8NP18-D4**

PROX 18mm-SHORT 10-30VDC 8mm UNSHLD NO PNP 3WIRE DC-MICRO-4

Field Switching and Sensing > Non Contact Sensors > Proximity Sensors > Allen-Bradley Proximity Sensors > Inductive Proximity Sensors > 18mm Cylindrical

Representative Photo Only
(actual product may vary based on configuration selections)

Inductive Proximity Sensor, 3-Wire DC, Short Barrel, 18mm Diameter, Tubular:Nickel Plated Brass, Short, 8mm Sensing Distance, Unshielded, N.O., Source (PNP) Output, Micro QD (DC)

- Inductive sensors provide reliable detection of metal objects
- Ultrasonic sensors provide long distance sensing in applications unsuitable for a photoelectric sensor
- Capacitive sensors provide optimum flexibility in level sensing applications
- Available in a wide range of housings to suit everything from light-duty applications through to harsher washdown or welding applications

SPECIFICATIONS	
Product Series	872C General Purpose
Component Type Field Switching & Sensing	Proximity Sensor
Sensing Mode	Inductive
Shielded	No
Shape	Cylindrical - Threaded
Diameter	18 mm
Length	61.7 mm
Orientation	Straight Through
Mounting (Multiple)	Mounting Nuts (Included) Mounting Bracket (Ordered Separately)
Teach Mode / Sensitivity Adjustment	No sensitivity
Sensing Distance	8 mm
Ue, Rated Operational Voltage, DC, min	10 V DC
Ue, Rated Operational Voltage, DC, max	30 V DC
Switching Mode	N/O
Output Type	PNP
Switching/Operating Frequency	1500 Hz
Number of Conductors	3 qty
Connection / Termination	M12 x 1, DC Micro, 4-pin
Material, Body / Housing	Nickel-Plated Brass material
Operating Temperature, Max	70 °C max
Operating Temperature, Min	-25 °C min
IP Rating	IP67

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REFERENCES	
IECEx Certificate	-
Supplier Declaration of Conformity:	-
Installation Guide:	-
User Manual:	-
Manufacturer Datasheet:	-
Manufacturer Catalogue & Product Selection:	-