

# Catalogue No: **871TM-B8N18-H5**

## PROX-SS-18mm 20-250VAC/DC 8mm UNSHLD NO 2WIRE 5m-TOUGH

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



- 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

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

### SPECIFICATIONS

Product Series	871TM All Stainless Steel
Component Type Field Switching & Sensing	Proximity Sensor
Sensing Mode	Inductive
Shielded	No
Shape	Cylindrical - Threaded
Diameter	18 mm
Length	74.7 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, AC, min	20 V AC
Ue, Rated Operational Voltage, AC, max	250 V AC
Ue, Rated Operational Voltage, DC, min	20 V DC
Ue, Rated Operational Voltage, DC, max	250 V DC
Switching Mode	N/O
Number of Conductors	2 qty
Connection / Termination	Built-in cable with flying leads
Length, Cable	5 m
Material, cable jacket	TPE, ToughLink material
Material, Body / Housing	Stainless Steel material
Operating Temperature, Max	70 °C max
Operating Temperature, Min	-25 °C min
IP Rating	IP67 IP69K

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## REFERENCES

IECEX Certificate -

Supplier Declaration of  
Conformity: -

Installation Guide: -

User Manual: -

Manufacturer Datasheet: -

Manufacturer Catalogue  
& Product Selection: -