

# Catalogue No: 871TM-BH10N30-H2

## PROX-SS-30mm-PLC 20-250VAC/DC 10mm SHLD NO 2WIRE 2m-TOUGH

Field Switching and Sensing > Non Contact Sensors > Proximity Sensors > Allen-Bradley Proximity Sensors > Inductive Proximity Sensors > 30mm Cylindrical



Inductive Proximity Sensor, 2-Wire AC/DC (PLC Interfacer), 30mm Diameter, Shielded, Tubular:Stainless Steel, Metal Face, 10mm Sensing Distance, N.O. Output, ToughLink Cable 2m



- 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	Yes
Shape	Cylindrical - Threaded
Diameter	30 mm
Length	57.9 mm
Orientation	Straight Through
Mounting (Multiple)	Mounting Nuts (Included) Mounting Bracket (Ordered Separately)
Teach Mode / Sensitivity Adjustment	No sensitivity
Sensing Distance	10 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
Switching/Operating Frequency	45 Hz
Number of Conductors	2 qty
Wire / Conductor Size	18 AWG ( 0.823 mm <sup>2</sup> )
Connection / Termination	Built-in cable with flying leads
Length, Cable	2 m
Colour, Cable Jacket	Yellow colour
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: -