

871TMM10NP18D4

AB 871 Inductive Proximity Sensor SS 18mm 10-30V DC 8mm
Shld NO PNP 3 Wire Micro 4 DC QD



NON-CONTACT SENSORS



Allen-Bradley



Component type	Inductive proximity switch
Range	Inductive Prox
Model	N/A
Product status	Existing

The Allen-Bradley inductive proximity sensors detect metal objects without touching them. This technology is used in applications where the metal object to be detected is within an inch or two of the sensor face. Ideal for use in light-duty packaging applications and the harsh environments in automotive welding equipment or washdowns in food processing plants.

ELECTRICAL

Type of actuation	Metallic Target
Switching distance	10 mm
Voltage type	DC
Rated control supply voltage U_s at DC	10-30 V
Type of switch function	Normally open contact
Switching frequency	200 Hz
Type of electric connection	Connector M12
Number of protected semiconductor outputs	1

COMMUNICATION

Type of interface	None
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CONSTRUCTION

Construction type housing	Cuboid
Material housing	Stainless steel
IP rating	IP68/IPX9K
Coating housing	Chromium-plated
Cascadable	No
Compression-resistant	No
Suitable for safety functions	No

DIMENSIONS

Length of sensor	63.5 mm
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ENVIRONMENT

Storage temperature	-25...85 °C
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CERTIFICATES/APPROVALS

SIL according to IEC 61508	None
Explosion safety category for gas	None
Explosion safety category for dust	None