

871TMDH2NP12D4

AB 871 Inductive Proximity Sensor SS 12mm 10-30V DC 2mm
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
Alternative	CALL FOR ALTERNATIVE



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	75 Hz
Type of electric connection	Plug-in connection
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	IP67
Coating housing	Chromium-plated
Cascadable	No
Compression-resistant	No
Degree of protection (NEMA)	13
Suitable for safety functions	No

MECHANICAL

Mechanical mounting condition for sensor	Other
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DIMENSIONS

Length of sensor	120 mm
Height of sensor	40 mm
Width sensor	40 mm

ENVIRONMENT

Storage temperature	-25...70 °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