

871TMB3N12R3

AB 871 Inductive Proximity Sensor SS 12mm 20-250V AC DC
3mm Shld NO 2 Wire Micro 3 AC 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	1.5 mm
Voltage type	AC/DC
Rated control supply voltage U_s at AC 50HZ	20-250 V
Rated control supply voltage U_s at AC 60HZ	20-250 V
Rated control supply voltage U_s at DC	20-250 V
Type of switch function	Normally open contact
Switching frequency	15 Hz
Type of electric connection	Plug-in connection
Supply voltage	20-250 V
Number of protected semiconductor outputs	1

COMMUNICATION

Type of interface	None
Construction type housing	Cuboid
Material housing	Stainless steel
IP rating	IP67
Coating housing	Other
Cascadable	No
Compression-resistant	No
Degree of protection (NEMA)	13
Suitable for safety functions	No

CONSTRUCTION

MECHANICAL

Mechanical mounting condition for sensor	Other
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DIMENSIONS

Length of sensor	120 mm
Height of sensor	40 mm
Cable length	0 m
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