871TMB8N18N3

AB 871 Inductive Proximity Sensor SS 18mm 20-250V AC DC 8mm Unshld NO 2 Wire Mini 3 QD

NON-CONTACT SENSORS



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	2 mm
	Voltage type	AC/DC
	Type of switch function	Normally open contact
	Switching frequency	15 Hz
	Type of electric connection	Plug-in connection
	Number of protected semiconductor outputs	1
COMMUNICATION	Type of interface	None
CONSTRUCTION	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
MECHANICAL	Mechanical mounting condition for sensor	Other
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
CERTIFICATES/APPROVALS	SIL according to IEC 61508	None
	Explosion safety category for gas	None
	Explosion safety category for dust	None

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