872CJ2N12R3

AB 872 Inductive Proximity Sensor 12mm 20-250V AC DC 2mm Sheilded No Relay 2Wire AC Micro 3

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	2 mm
	Voltage type	AC/DC
	Rated control supply voltage Us at AC 50HZ	0 V
	Rated control supply voltage Us at AC 60HZ	0 V
	Type of switch function	Breaker contact
	Type of switching output	PNP
	Switching frequency	30 Hz
	Voltage drop (Ud)	1 V
	Supply voltage	10-30 V
	Number of protected semiconductor outputs	1
COMMUNICATION	Type of interface	None
CONSTRUCTION	Construction type housing	Cuboid
	Material housing	Metal
	IP rating	IP67
	Coating housing	Nickel-plated
	Cascadable	No
	Compression-resistant	No
	Suitable for safety functions	No
MECHANICAL	Mechanical mounting condition for sensor	Other
DIMENSIONS	Diameter sensor	12 mm
	Length of sensor	28.5 mm
	Cable length	2 m
	Weight (cable excluded)	100 g
ENVIRONMENT	Storage temperature	-30…75 °C
CERTIFICATES/APPROVALS	SIL according to IEC 61508	None

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CERTIFICATES/APPROVALS

Explosion safety category for gas	None
Explosion safety category for dust	None

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