871TMDH4NP12C2

AB 871 Inductive Proximity Sensor SS 12mm 10-30V DC 2mm Unshld NO PNP 3 Wire 2m Tough

NON-CONTACT SENSORS

NHP | 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	4 mm
	Voltage type	DC
	Rated control supply voltage Us at DC	10-30 V
	Type of switch function	Normally open contact
	Switching frequency	70 Hz
	Type of electric connection	Cable
	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	2 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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