

NIA18ASN14DOM1

Carlo Gavazzi Inductive Proximity Nickel Brass Short M18 DC
PNP + NPN NO Output 14mm Sense Dist M12

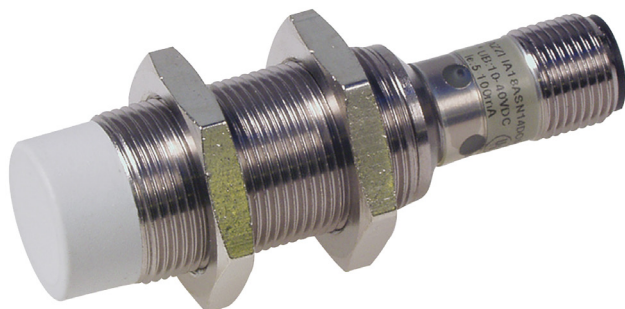


NON-CONTACT SENSORS



Component type	Inductive proximity switch
Range	Inductive Prox
Model	N/A
Alternative	CALL FOR ALTERNATIVE

The Carlo Gavazzi Inductive Proximity Sensors are a reliable and contactless solution in the detection of machinery and automation equipment. Available in a variety of styles and resistant to high level shock and vibration. Able to withstand wide temperature variations and voltage peaks of up to 200V making them ideal for high pressure and high temperature wash-down environments.



ELECTRICAL

Type of actuation	Metallic Target
Switching distance	14 mm
Voltage type	DC
Rated control supply voltage U_s at DC	10-40 V
Max. output current at protected output	100 mA
Type of switch function	Normally open contact
Type of switching output	Other
Switching frequency	400 Hz
Type of electric connection	Plug-in connection
Voltage drop (U_d)	3 V
Supply voltage	10-40 V
Number of protected semiconductor outputs	1

COMMUNICATION

Type of interface	None
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CONSTRUCTION

Construction type housing	Cylinder, screw-thread
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	Not flat
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DIMENSIONS

Diameter sensor	18 mm
Length of sensor	63 mm
Cable length	0 m
Weight (cable excluded)	26 g

ENVIRONMENT

Storage temperature	-30...80 °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