

NEI1805NPCSS1

Carlo Gavazzi Inductive Proximity Stainless Steel Short M18 DC
NPN NC Output 5mm 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	5 mm
Voltage type	DC
Rated control supply voltage U_s at DC	40-10 V
Max. output current at protected output	200 mA
Type of switch function	Breaker contact
Type of switching output	NPN
Switching frequency	0 Hz
Type of electric connection	Plug-in connection
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	Stainless steel
IP rating	IP67
Coating housing	Other
Cascadable	No
Compression-resistant	No
Suitable for safety functions	No

MECHANICAL

Mechanical mounting condition for sensor	Concise
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DIMENSIONS

Diameter sensor	18 mm
Length of sensor	30 mm

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