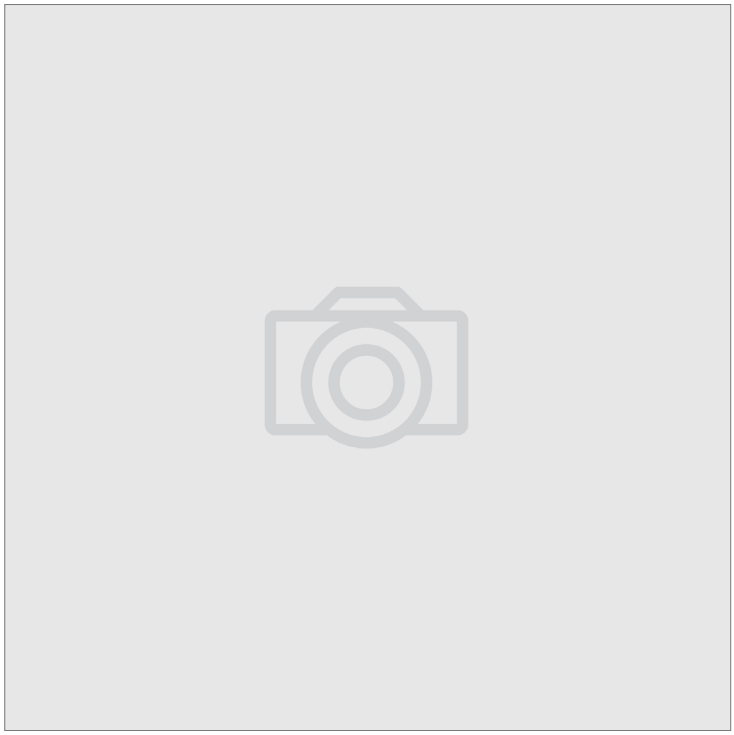
# NEI1202TBOSL6

**Carlo Gavazzi Inductive Proximity Stainless Steel Long M12 AC SCR NO Output 2mm 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 | 2 mm |
| | Voltage type | AC |
| | Rated control supply voltage Us at AC 50HZ | 20-265 V |
| | Rated control supply voltage Us at AC 60HZ | 20-265 V |
| | Max. output current at protected output | 500 mA |
| | Type of switch function | Normally open contact |
| | Type of switching output | Other |
| | Switching frequency | 25 Hz |
| | Type of electric connection | Connector M12 |
| | Supply voltage | 20-250 V |
| | Number of protected semiconductor outputs | 1 |
| **COMMUNICATION** | Type of interface | None |
| **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 |
| **DIMENSIONS** | Diameter sensor | 12 mm |
| | Length of sensor | 50 mm |
| **ENVIRONMENT** | Storage temperature | -30…80 °C |
| **CERTIFICATES/APPROVALS** | SIL according to IEC 61508 | None |





Published on 22 May 2026

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NON-CONTACT SENSORS

## CERTIFICATES/APPROVALS

| | |
|---|---|
| Explosion safety category for gas | None |
| Explosion safety category for dust | None |





Published on 22 May 2026