# 871TMM20NP30D4

**AB 871 Inductive Proximity Sensor SS 30mm 10-30V DC 20mm Shld NO PNP 3 Wire Micro 4 DC QD**

NON-CONTACT SENSORS

Allen-Bradley



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|---|---|
| **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.

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| **ELECTRICAL** | Type of actuation | Metallic Target |
| | Switching distance | 20 mm |
| | Voltage type | DC |
| | Rated control supply voltage Us at DC | 10-30 V |
| | Type of switch function | Normally open contact |
| | Switching frequency | 80 Hz |
| | Number of protected semiconductor outputs | 1 |
| **COMMUNICATION** | Type of interface | None |
| **CONSTRUCTION** | Construction type housing | Cuboid |
| | Material housing | Stainless steel |
| | IP rating | IP68/IPX9K |
| | Coating housing | Chromium-plated |
| | Cascadable | No |
| | Compression-resistant | No |
| | Suitable for safety functions | No |
| **DIMENSIONS** | Length of sensor | 63.5 mm |
| **ENVIRONMENT** | Storage temperature | -25…85 °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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