

WSI-0803-SAAZ



Inductive proximity sensor

DESIGN FAMILY STD

- Weld-immune
- M8 x 45mm



**DIMENSIONS**

M8

M8 x 60mm

*Dimensional drawing to follow*

**PINOUT**

1 BN

4 BK

3 BU

**OUTPUT**

BN 1

BK 4

BU 3

CERTIFICATIONS



| Technical data                  |                                      |                      |                   |
|---------------------------------|--------------------------------------|----------------------|-------------------|
| Electrical features             |                                      | Mechanical features  |                   |
| Supply Voltage                  | 10–30 VDC                            | Form Factor          | M8                |
| No-Load Current                 | ≤10 mA                               | Dimensions (mm)      | M8 x 60mm         |
| Max Output Current              | ≤200 mA                              | Mounting             | Flush             |
| Voltage Drop                    | ≤2 V                                 | Material (body)      | 304 Stainless     |
| Output Circuit                  | PNP                                  | Material (Face)      | 304 Stainless     |
| Output Normal State             | N.O.                                 | Coating              | ACTIVSTONE        |
| Switching Frequency             | 15 kHz                               | Coating Type         | ZG                |
| Sensing performance             |                                      | Connection           |                   |
| Rated Sensing Distance (Sn)     | 3 mm                                 | Connector Type       | M12               |
| Correction Factors (Steel=100%) | Steel 100% Stainless St 70%, Al 100% | Connector Material   | PLASTIC           |
| Factor 1                        | YES                                  | Cable Sheath Outer   | ACTIVFLEX TUBULAR |
| Hysteresis                      | 3–15%                                | Cable Length         | 200mm             |
| Repeat Accuracy                 | ≤0.15 mm                             | Cable Exit Direction | Straight          |
| SENSING TARGETS PRACTICALITY    | Steel, Aluminum                      | LED on Sensor        | YES               |
| Environmental                   |                                      | LED on Connector     | NO                |
| Operating Temperature           | -25...+85°C                          |                      |                   |
| Protection Class                | IP67–IP69K                           |                      |                   |