

WSI-0802-FABZ



Inductive proximity sensor

DESIGN FAMILY **HYPERLIFE**

- Steel Targets Only
- M8 Shorty



**DIMENSIONS**

M8

M8×20.4

*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)      | M8×20.4                      |
| Max Output Current              | ≤200 mA                     | Mounting             | Flush                        |
| Voltage Drop                    | ≤1.5 V                      | Material (body)      | 304 Stainless                |
| Output Circuit                  | PNP                         | Material (Face)      | HYPERFACE                    |
| Output Normal State             | N.O.                        | Coating              | ACTIVSTONE                   |
| Switching Frequency             | 250 Hz                      | Coating Type         | Z                            |
| Sensing performance             |                             | Connection           |                              |
| Rated Sensing Distance (Sn)     | 2 mm                        | Connector Type       | M8 3P                        |
| Correction Factors (Steel=100%) | Steel=1 Al=0 Brass=0 SS=0.3 | Connector Material   | FEP over METAL               |
| Factor 1                        | NO                          | Cable Sheath Outer   | FLEXLINC DOUBLELOC STAINLESS |
| Hysteresis                      | 1–20%                       | Cable Length         | 0.5m                         |
| Repeat Accuracy                 | <5%                         | Cable Exit Direction | Straight                     |
| SENSING TARGETS PRACTICALITY    | Steel Only                  | LED on Sensor        | YES                          |
| Environmental                   |                             | LED on Connector     | NO                           |
| Operating Temperature           | -25...+85°C                 |                      |                              |
| Protection Class                | IP67/IP69K                  |                      |                              |