

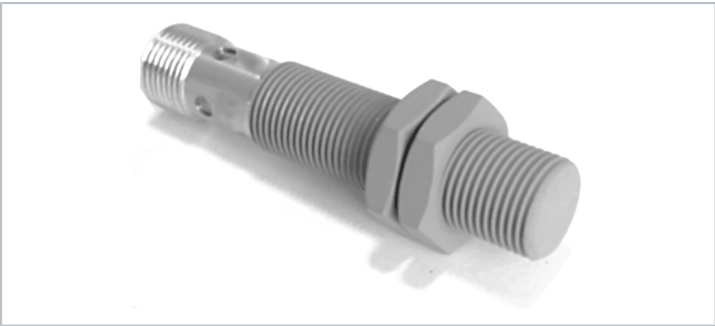
WSI-1206-FAB+



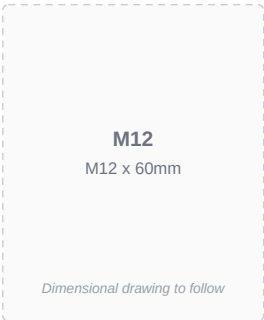
Inductive proximity sensor

DESIGN FAMILY MIG+

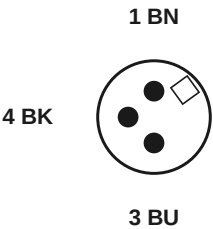
- Weld-immune
- WFI PARAMETERS



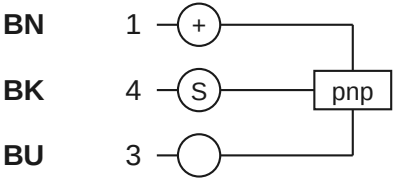
DIMENSIONS



PINOUT



OUTPUT



CERTIFICATIONS



| Technical data                  |                                      |                      |                              |
|---------------------------------|--------------------------------------|----------------------|------------------------------|
| Electrical features             |                                      | Mechanical features  |                              |
| Supply Voltage                  | 10–30 VDC                            | Form Factor          | M12                          |
| No-Load Current                 | ≤10 mA                               | Dimensions (mm)      | M12 x 60mm                   |
| Max Output Current              | ≤200 mA                              | Mounting             | Flush                        |
| Voltage Drop                    | ≤2 V                                 | Material (body)      | 304 Stainless                |
| Output Circuit                  | PNP                                  | Material (Face)      | HYPERFACE                    |
| Output Normal State             | N.O.                                 | Coating              | ACTIVSTONE                   |
| Switching Frequency             | ~1 kHz                               | Coating Type         | Z                            |
| Response Time                   | 124ms                                | <b>Connection</b>    |                              |
| <b>Sensing performance</b>      |                                      | Connector Type       | M8                           |
| Rated Sensing Distance (Sn)     | 5.7mm                                | Connector Material   | FEP over METAL               |
| Correction Factors (Steel=100%) | Steel 100% Stainless St 80%, Al 100% | Cable Sheath Outer   | FLEXLINC DOUBLELOC STAINLESS |
| Factor 1                        | YES                                  | Cable Length         | 0.5m                         |
| Hysteresis                      | 3–15%                                | Cable Exit Direction | 45deg                        |
| Repeat Accuracy                 | ≤0.15 mm                             | LED on Sensor        | YES                          |
| SENSING TARGETS PRACTICALITY    | Steel, Aluminum                      | LED on Connector     | No                           |
| <b>Environmental</b>            |                                      |                      |                              |
| Operating Temperature           | -25...+85°C                          |                      |                              |
| Protection Class                | IP67–IP69K                           |                      |                              |