

WSI-1602HL-FAAZ-O



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Inductive proximity sensor, rectangular housing

DESIGN FAMILY **HYPERLIFE**

- M3 Mount
- Standard Temperature



| DIMENSIONS                                                                             | PINOUT                                          | OUTPUT                                          |
|----------------------------------------------------------------------------------------|-------------------------------------------------|-------------------------------------------------|
| <div>Mini Flat Pack</div> <div>16×8×4.7</div> <div>Dimensional drawing to follow</div> | <div>1 BN</div> <div>4 BK</div> <div>3 BU</div> | <div>BN 1</div> <div>BK 4</div> <div>BU 3</div> |

CERTIFICATIONS



| Technical data                  |                                     |                      |                              |
|---------------------------------|-------------------------------------|----------------------|------------------------------|
| Electrical features             |                                     | Mechanical features  |                              |
| Supply Voltage                  | 9–30 VDC                            | Form Factor          | Mini Flat Pack               |
| No-Load Current                 | ≤12 mA                              | Dimensions (mm)      | 16×8×4.7                     |
| Max Output Current              | <100 mA                             | Mounting             | Flush                        |
| Voltage Drop                    | <2 V                                | Material (body)      | Alloy                        |
| Output Circuit                  | PNP                                 | Material (Face)      | HYPERFACE                    |
| Output Normal State             | N.O.                                | Coating              | ACTIVSTONE                   |
| Switching Frequency             | 5 kHz                               | Coating Type         | Z                            |
| Sensing performance             |                                     | Connection           |                              |
| Rated Sensing Distance (Sn)     | 2 mm                                | Connector Type       | M12                          |
| Correction Factors (Steel=100%) | Steel 100 %, St Steel 75 %, Al 50 % | Connector Material   | Overmolded                   |
| Factor 1                        | NO                                  | Cable Sheath Inner   | PTFE                         |
| Hysteresis                      | 2–20%                               | Cable Sheath Outer   | FLEXLINC SPRINGLOC STAINLESS |
| SENSING TARGETS PRACTICALITY    | Steel, Aluminum                     | Cable Length         | 0.5m                         |
| Environmental                   |                                     | Cable Exit Direction | Straight                     |
| Operating Temperature           | -25...+75°C                         | LED on Sensor        | NO                           |
| Protection Class                | IP67                                | LED on Connector     | YES                          |
|                                 |                                     | Connector LED Color  | Green                        |