

## IR10S-NO-A12

Mind O≠0, I≠I≠1, S≠5, B≠8.

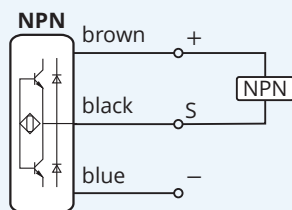
|                             |                             |
|-----------------------------|-----------------------------|
| Ring diameter               | Ø 10.1 mm                   |
| Resolution                  | adjustable, Ø >1.5 mm       |
| Operating voltage           | 10...30 V <sub>DC</sub>     |
| Reverse polarity protection | built-in                    |
| Current consumption         | <10 mA                      |
| Current load capability     | 200 mA                      |
| Output function             | normally open               |
| Output polarity             | NPN                         |
| Short circuit protection    | built-in, self-resetting    |
| Voltage drop                | <2 V @ 200 mA               |
| Adjustment                  | multi-turn potentiometer    |
| Object speed                | ≤35 m/s · ≤115 ft/s         |
| Response   release time     | 0.5 ms   10 ms              |
| Operating temperature       | −20...+70 °C · −3...+159 °F |
| Protection class            | IP67                        |
| Ring material               | PA 6,6                      |
| Housing material            | PBT                         |
| Switching indicator         | built-in                    |
| Connection                  | male connector M12          |
| Complies with               | CE, RoHS                    |



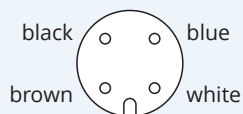
**Warranty** Our products are manufactured to stringent ISO 9001 European standards to ensure that our customers only receive the best quality.



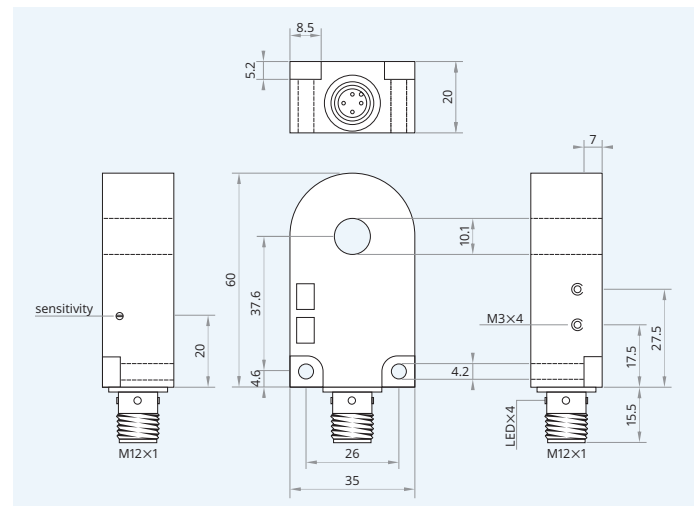
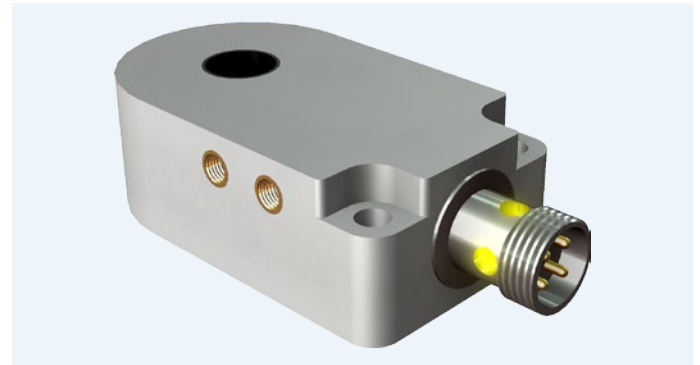
Wiring diagram



Pinout



## Inductive Proximity Switch 3-Wire Ring Sensors Operating principle: *Static*



Caution! This device shall not be used if the safety of persons rely on its faultless function.

XECRO reserves the right to make minor changes without prior notification.