

## IR15D-NS150-RA12

Mind O≠0, I≠I≠1, S≠5, B≠8.

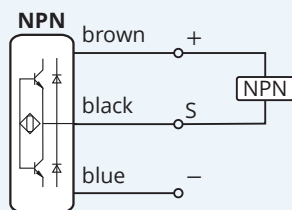
|                             |                                |
|-----------------------------|--------------------------------|
| Ring diameter               | Ø 15.1 mm                      |
| Resolution                  | adjustable, Ø >0.8 mm          |
| Operating voltage           | 10...30 V <sub>DC</sub>        |
| Reverse polarity protection | built-in                       |
| Current consumption         | <10 mA                         |
| Current load capability     | 200 mA                         |
| Output function             | NO   NC                        |
| Output polarity             | NPN                            |
| Short circuit protection    | built-in, self-resetting       |
| Impulse lengthening         | 0.1...150 ms                   |
| Voltage drop                | <2 V @ 200 mA                  |
| Adjustment                  | multi-turn potentiometer       |
| Object speed                | 0.1...35 m/s · 0.33...115 ft/s |
| Response   release time     | 0.2 ms   0.2 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                       |



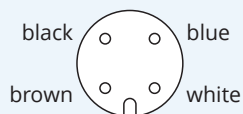
**Warranty** Our products are manufactured to stringent ISO 9001 European standards to ensure that our customers only receive the best quality.



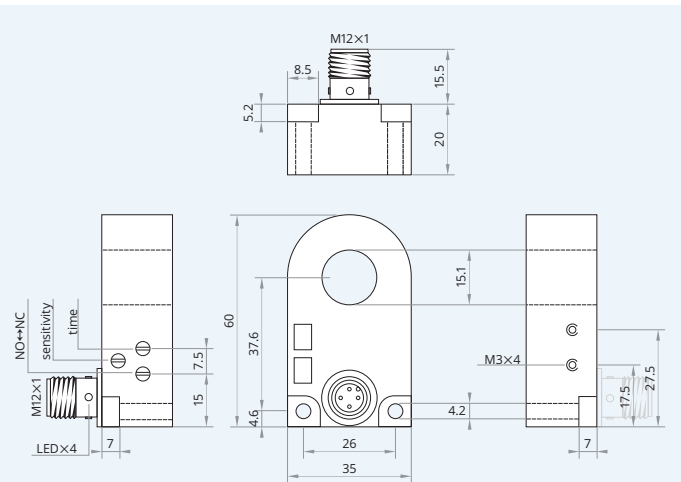
Wiring diagram



Pinout



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



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.