

## FRH30T-PS-A8

Mind O≠0, I≠I≠1, S≠5, B≠8.

|                             |                              |
|-----------------------------|------------------------------|
| Supply voltage              | 10...35 V <sub>DC</sub>      |
| Reverse polarity protection | built-in                     |
| Current consumption         | <40 mA                       |
| Current load capability     | 200 mA                       |
| Output function             | — / — ↔ —                    |
| Output polarity             | PNP                          |
| IO-Link                     | protocol 1.1                 |
| Evaluation principle        | static                       |
| Resolution                  | 0.2 mm                       |
| Switching frequency         | 5000 Hz                      |
| Repeatability               | 0.01 mm                      |
| Sensitivity adjustment      | Teach-in button              |
| Impulse lengthening         | 20 ms                        |
| Short circuit protection    | built-in, self-resetting     |
| Voltage drop                | <1.2 V @ 200 mA              |
| Operating temperature       | −20...+55 °C · −3...+132 °F  |
| Ambient light immunity      | >100 klx                     |
| IP code                     | IP67                         |
| Insulation voltage          | 500 V                        |
| Light source                | LED red λ=630 nm             |
| Housing material            | zinc die-cast, powder-coated |
| Switching indicator         | LED yellow                   |
| Connection                  | connector M8 Pico            |
| Power-on delay              | <0.4 s                       |
| Serial mounting             | ✓                            |
| Weight                      | 56 g · 2 oz.                 |
| Tariff code                 | 85365019                     |
| Complies with               | CE, RoHS                     |



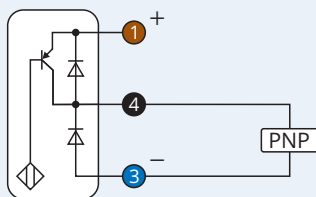
## Fork Light Barrier High Resolution LED red · 30 mm fork opening



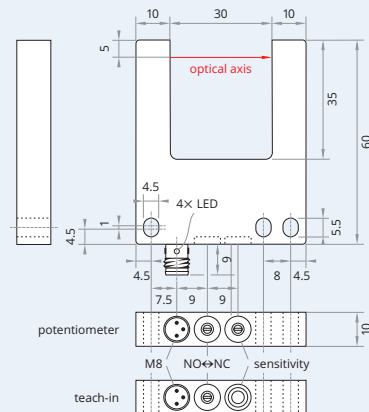
**Warranty** Our products are manufactured to stringent ISO 9001 European standards to ensure that our customers only receive the best quality.



Wiring diagram



Pinout



**⚠ 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.