

FRS90P-PS-A8

Mind O≠0, I≠I≠1, S≠5, B≠8.

| | |
|-----------------------------|------------------------------|
| Supply voltage | 10...35 V _{DC} |
| Reverse polarity protection | built-in |
| Current consumption | <40 mA |
| Current load capability | 200 mA |
| Output function | — / — ↔ — |
| Output polarity | PNP |
| IO-Link | not included |
| Evaluation principle | static |
| Resolution | 0.5 mm |
| Switching frequency | 5000 Hz |
| Repeatability | 0.02 mm |
| Sensitivity adjustment | potentiometer |
| 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 | 110 g · 3.9 oz. |
| Tariff code | 85365019 |
| Complies with | CE, RoHS |



Fork Light Barrier Standard LED red · 90 mm fork opening



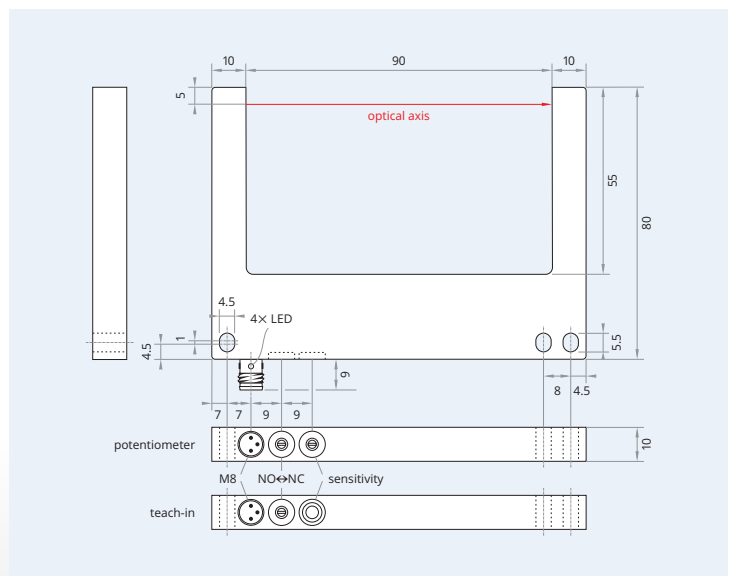
Warranty Our products are manufactured to stringent ISO 9001 European standards to ensure that our customers only receive the best quality.



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.