FRH30D-PS-A8

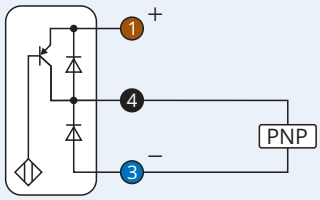
Mind O≠0, I≠I≠1, S≠5, B≠8.

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

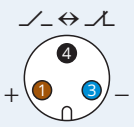
Supply voltage	10...35 V_{DC}
Reverse polarity protection	built-in
Current consumption	<40 mA
Current load capability	200 mA
Output function	⎍ ↔ ⎍
Output polarity	PNP
IO-Link	protocol 1.1
Evaluation principle	dynamic
Resolution	0.2 mm
Switching frequency	5000 Hz
Repeatability	0.01 mm
Sensitivity adjustment	potentiometer
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

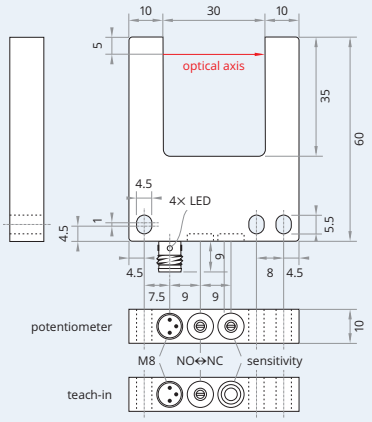
25 months **Warranty** Our products are manufactured to stringent ISO 9001 European standards to ensure that our customers only receive the best quality.

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.