

FRS180P-NS-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	\neg ↔ \neg
Output polarity	NPN
IO-Link	not included
Evaluation principle	static
Resolution	0.2 mm
Switching frequency	2500 Hz
Sensitivity adjustment	potentiometer
Short circuit protection	built-in, self-resetting
Voltage drop	<1.2 V @ 200 mA
Operating temperature	-10...+60 °C · +15...+141 °F
Ambient light immunity	>40000 lx
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	3-pole M8 Pico connector
Weight	313 g · 11 oz.
Complies with	CE, RoHS

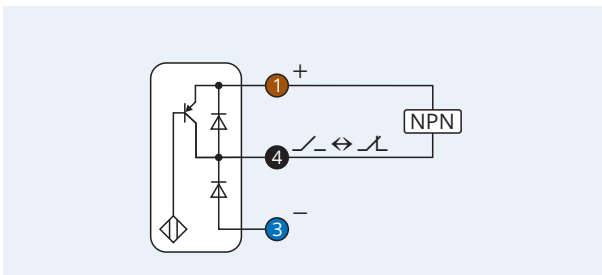


Fork Light Barrier Standard LED red · 180 mm fork opening

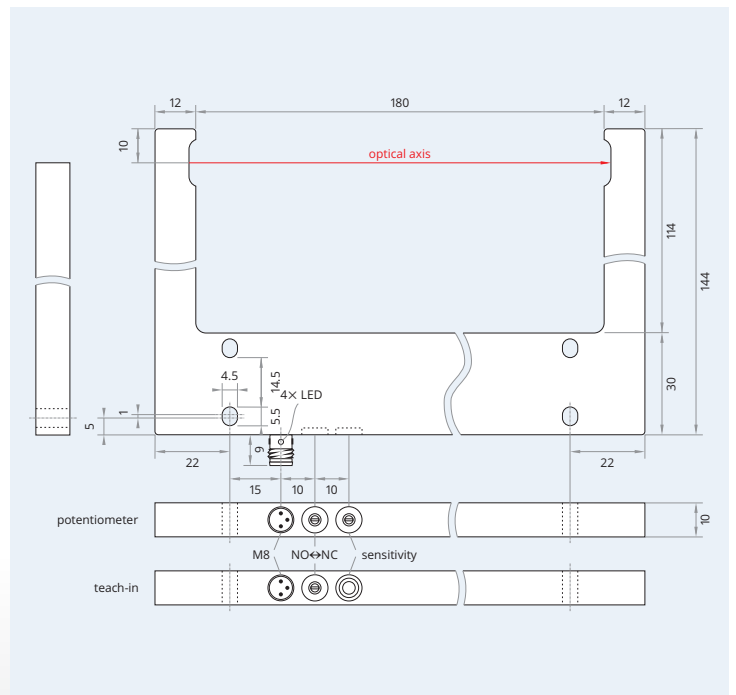
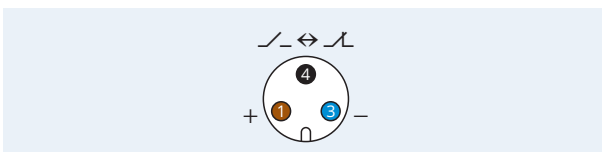


25 months **Warranty** Our products are manufactured to stringent ISO 9001 European standards to ensure that our customers only receive the best quality.

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.