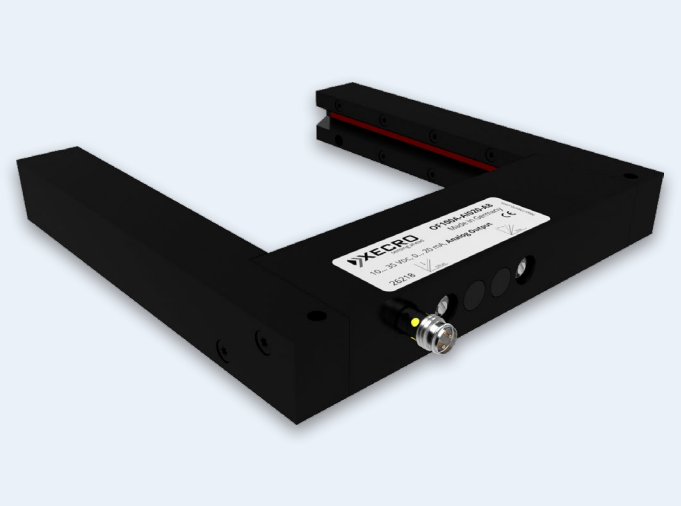
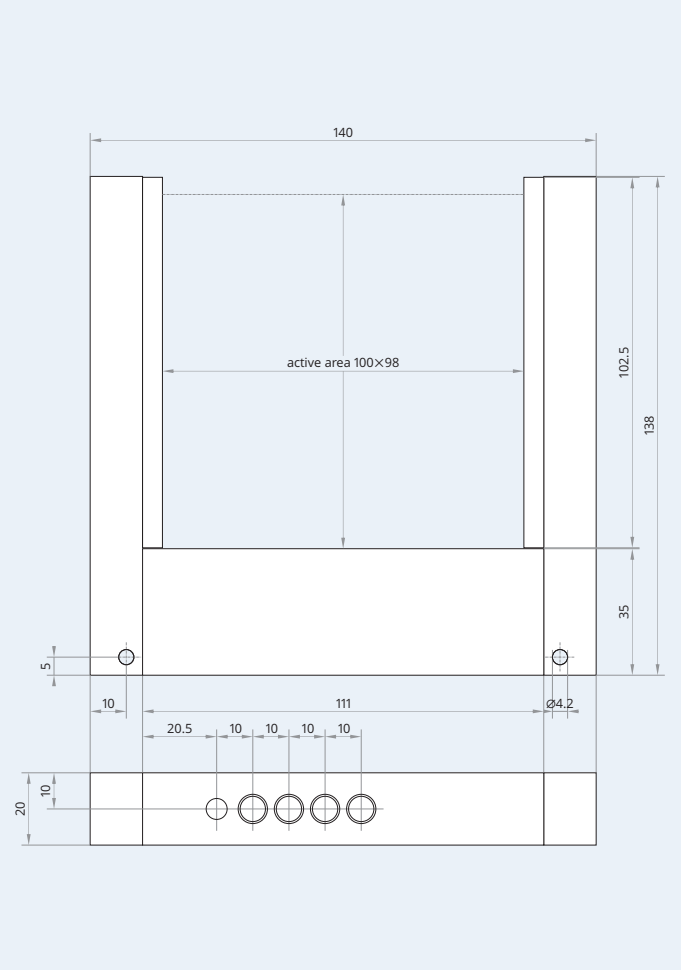
OF100A-AI420-A8

Frame Light Barrier without Crossbar
Analog Series
Active Area: 100×98 mm²

Mind O≠0, I≠l≠1, S≠5, B≠8.

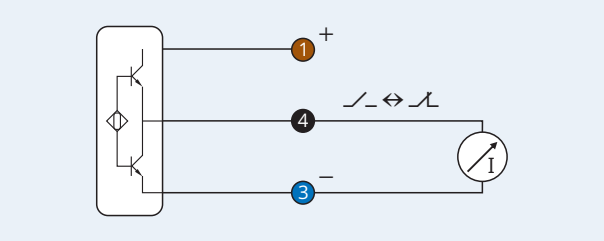
Supply voltage	10...35 V_{DC}
Reverse polarity protection	built-in
Current consumption	<50 mA
Current load capability	200 mA
Detection principle	static
Resolution	0.6 mm
Analog output	(0...4 adjustable)...20 mA
3 dB bandwidth	1 kHz
Output sequence frequency	>10 kHz
Sensitivity adjustment	270° potentiometer
Impulse lengthening	0...150 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	60 klx
IP code	IP67
Insulation voltage	500 V
Housing material	aluminum, black anodized
Impact protector material	aluminum, black anodized
Pane material	polycarbonate
Light source	LED infrared λ=940 nm
Switching indicator	LED yellow
Connection	connector M8 Pico
Weight	375 g · 13.2 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.