XECRO
sensing ahead
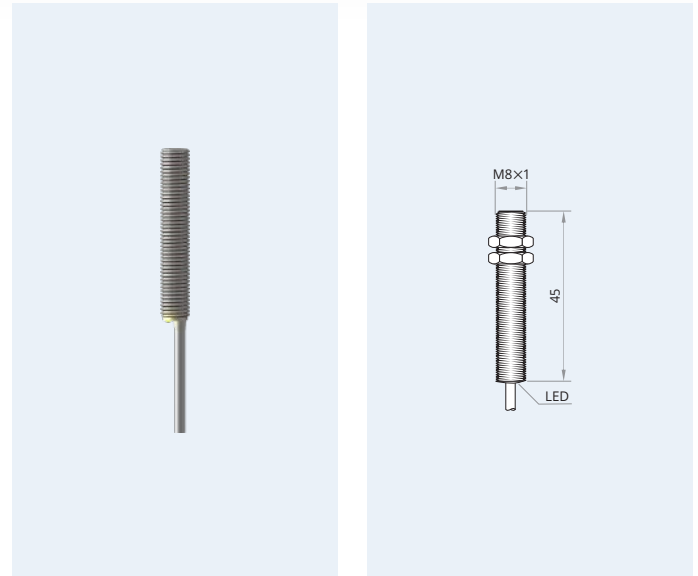
IMF8-S2NC45-A2P

Inductive Proximity Switch
3-Wire DC Metal Face
Sensing range: *Increased*
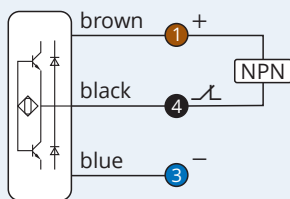
Mind O≠0, I≠l≠1, S≠5, B≠8.

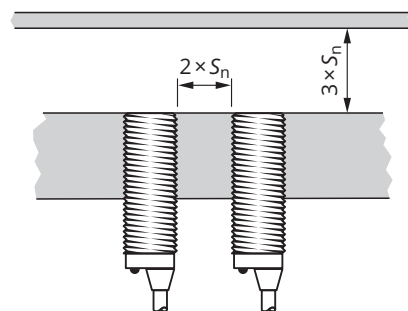|	
Housing size	M8×1
Mounting	flush
Sensing distance S_n	2 mm
Operating voltage	10…30 V_{DC}
Reverse polarity protection	built-in
Current consumption	<8 mA
Current load capability	200 mA
Output function	⊥ normally closed
Output polarity	NPN
Short circuit protection	built-in, self-resetting
Voltage drop	<1.5 V @ 200 mA
Switching frequency	400 Hz
Reduction factors	Alu 0.45 · Brs 0.50 · SS 0.85
Operating temperature	−20…+70 °C · −3…+159 °F
Protection class	IP69k, IP67 rear end
Sensing face material	SS 1.4301 (SAE 304)
Housing material	SS 1.4301 (SAE 304)
Switching indicator	built-in
Connection	PVC, ultra-flex
Complies with	CE, RoHS

RoHS compliant

M8×1

45

LED

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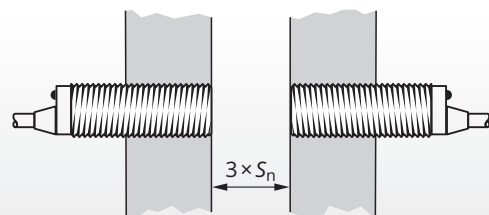
Wiring diagram

brown 1 +

NPN

black 4 ⊥

blue 3 −

Clearance for parallel mounting

$2 × S_n$

$3 × S_n$

Clearance for opposing mounting

$3 × S_n$

⚠ 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.