IPS8-S3PO30-3U8

Inductive Proximity Switch
3-Wire DC
Sensing range: *Extended*

Mind O≠0, I≠l≠1, S≠5, B≠8.

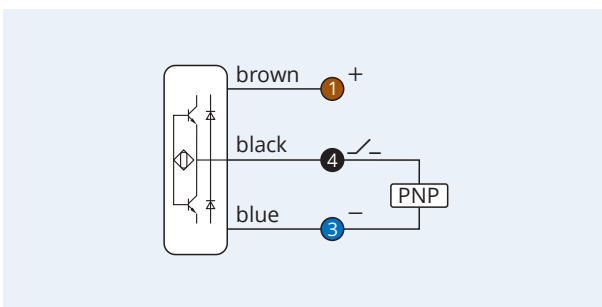|	
Housing size	M8×1
Mounting	semi-flush
Sensing distance S_n	3 mm
Operating voltage	10...30 V_{DC}
Reverse polarity protection	built-in
Current consumption	<8 mA
Current load capability	200 mA
Output function	⟋⎓ normally open
Output polarity	PNP
Short circuit protection	built-in, self-resetting
Voltage drop	<1.5 V @ 200 mA
Switching frequency	1000 Hz
Reduction factors	Alu 0.45 · Brs 0.50 · SS 0.85
Operating temperature	−20...+70 °C · −3...+159 °F
Protection class	IP67
Sensing face material	PBT
Housing material	SS 1.4301 (SAE 304)
Switching indicator	built-in
Connection	PVC, ultra-flex
Clearance z	1 mm
Complies with	CE, RoHS

RoHS compliant

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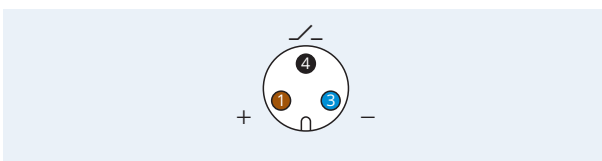
25 months

Quality Management ISO 9001:2015

Wiring diagram

brown ① +
black ④ ⟋⎓
blue ③ −
PNP

Pinout

④
+ ① ③ −

Clearance for parallel mounting

$3 \times S_n$ z $3 \times S_n$ $d + 2 \times S_n$
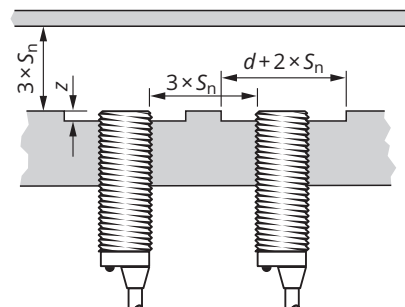
Clearance for opposing mounting

$6 \times S_n$
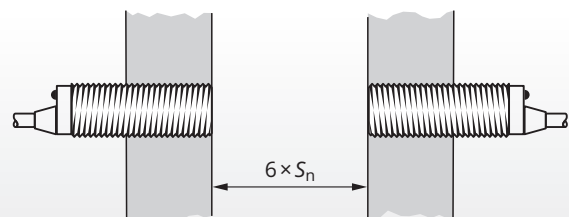
⚠ Caution! This device shall not be used if the safety of persons rely on its faultless function.

XECRO reserves the right to make minor changes without prior notification.