XECRO
sensing ahead

IPS8-S4NO70-A12

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

Mind O≠0, I≠l≠1, S≠5, B≠8.

|	
Housing size	M8×1
Mounting	semi-flush
Sensing distance S_n	4 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	NPN
Short circuit protection	built-in, self-resetting
Voltage drop	<1.5 V @ 200 mA
Switching frequency	500 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	brass
Switching indicator	built-in
Connection	male connector M12
Clearance z	1 mm
Complies with	CE, RoHS

RoHS compliant

25 months

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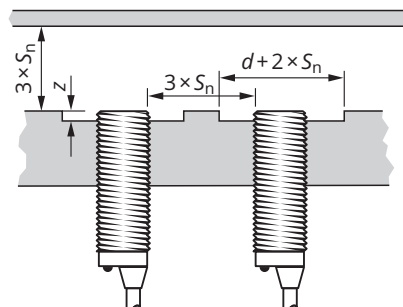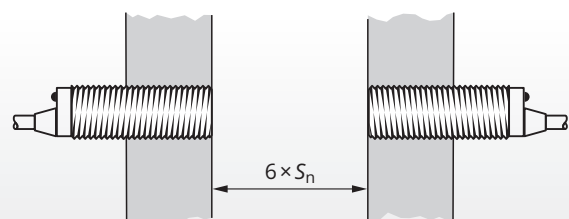

M8×1
37
70
Ø10.5
33
LED×4
M12×1

Wiring diagram

brown ① +
black ④ ╱‾ NPN
blue ③ −

Pinout

╱‾ ④ ③ −
+ ① ② not used
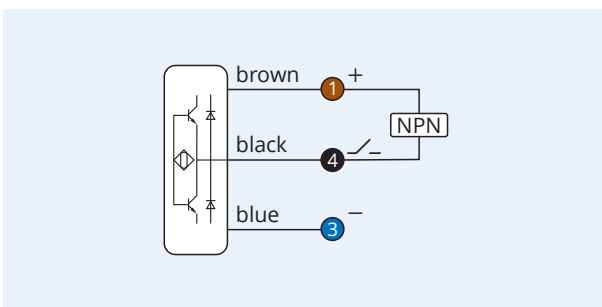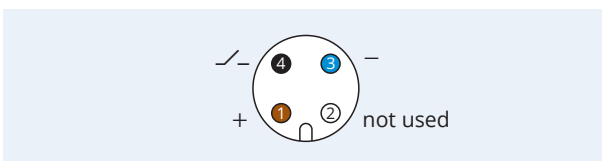
Clearance for parallel mounting

$3 × S_n$ · z · $3 × S_n$ · $d + 2 × S_n$

Clearance for opposing mounting

$6 × S_n$

⚠ 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.