

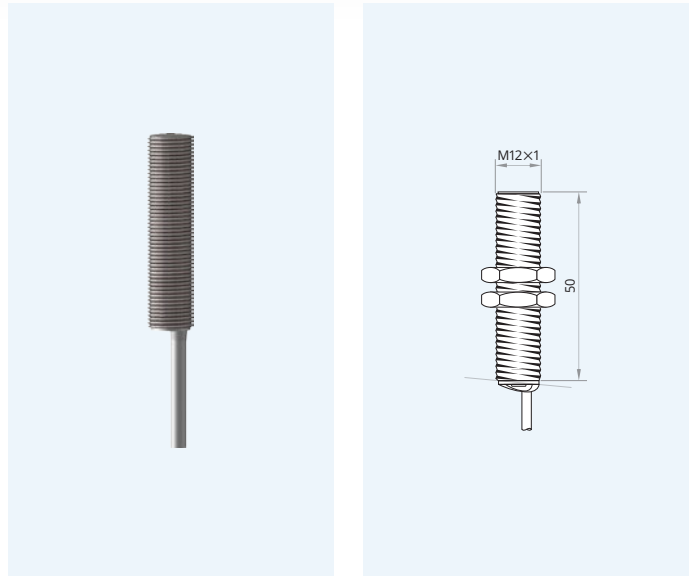
## IA12-S6I420-N2P

Mind O≠0, I≠I≠1, S≠5, B≠8.

Housing dimension	M12×1
Mounting	semi-flush
Measuring range	0...6 mm
Operating voltage	15...30 V <sub>DC</sub>
Reverse polarity protection	built-in
Current consumption	<25 mA
Load resistor	≤500 Ω
Output characteristics	4...20 mA
Overload protection	built-in
Output frequency	≤300 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
Connection	PVC, ultra-flex
Mounting clearance z	14 mm
Mounting clearance x	14 mm
Complies with	CE, RoHS



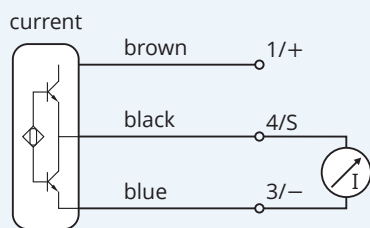
## Inductive Proximity Switch 3-Wire Analog Output Sensing range: *Extended*



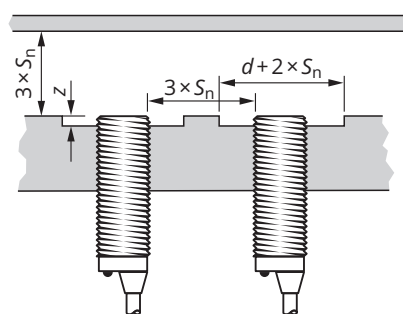
**Warranty** Our products are manufactured to stringent ISO 9001 European standards to ensure that our customers only receive the best quality.



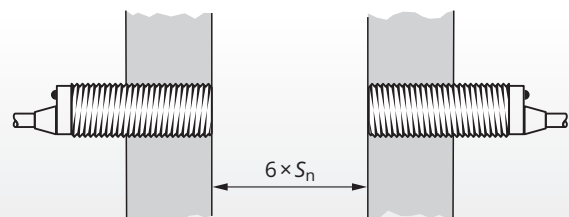
Wiring diagram



Clearance for parallel mounting



Clearance for opposing mounting



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.