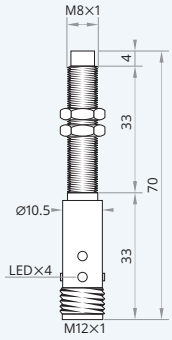
IMF8-N4PO70-A12

Inductive Proximity Switch
3-Wire DC Metal Face
Sensing range: *Increased*

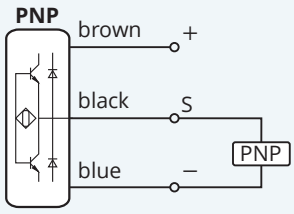
Mind O≠0, I≠l≠1, S≠5, B≠8.

Housing dimension	M8×1
Mounting	non-flush
Sensing distance S_n	3.5 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	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
Housing material	SS 1.4301
Switching indicator	built-in
Connection	male connector M12
Mounting clearance *z*	8 mm
Mounting clearance *x*	8 mm
Complies with	CE, RoHS

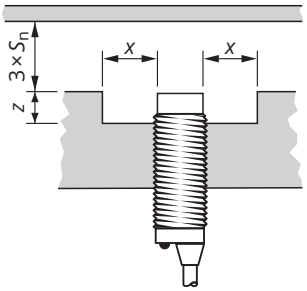


25 months **Warranty** Our products are manufactured to stringent ISO 9001 European standards to ensure that our customers only receive the best quality.

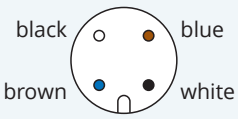
Wiring diagram



Clearance for parallel mounting



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.