

IA12-S6VI020-G2P

Inductive Proximity Switch **4-Wire Analog Output** Sensing range: *Extended*

Mind $O \neq 0$, $I \neq l \neq 1$, $S \neq 5$, $B \neq 8$.

Housing size	M12×1
Mounting	semi-flush
Measuring range	06 mm
Operating voltage	1530 V _{DC}
Reverse polarity protection	built-in
Current consumption	<25 mA
Load resistor*	$V: \geq 10 \text{ k}\Omega \cdot I: \leq 500 \Omega$
Output characteristics	010 V · 020 mA
Overload protection	built-in
Output frequency	≤300 Hz
Output frequency Reduction factors	≤300 Hz Alu 0.45 · Brs 0.50 · SS 0.85
Reduction factors	Alu 0.45 · Brs 0.50 · SS 0.85
Reduction factors Operating temperature	Alu 0.45 · Brs 0.50 · SS 0.85 0+70 °C · +33+159 °F
Reduction factors Operating temperature IP code	Alu 0.45 · Brs 0.50 · SS 0.85 0+70 °C · +33+159 °F IP67
Reduction factors Operating temperature IP code Sensing face material	Alu 0.45 · Brs 0.50 · SS 0.85 0+70 °C · +33+159 °F IP67 PBT
Reduction factors Operating temperature IP code Sensing face material Housing material	Alu 0.45 · Brs 0.50 · SS 0.85 0+70 °C · +33+159 °F IP67 PBT brass



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 \star V: for voltage output \cdot I: for current output



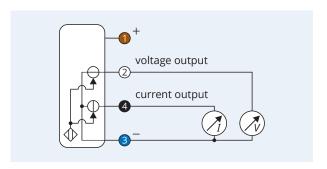
Warranty Our products are manufactured to stringent ISO 9001 European standards to ensure that our customers only receive the best quality.

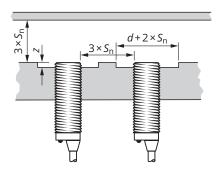


Wiring diagram Clearance for parallel mounting

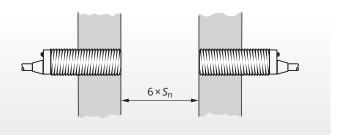
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15 [w] 10





Clearance for opposing mounting



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Caution! This device shall not be used if the safety of persons rely on its faultless function.

 $\label{thm:constraints} \mbox{\sc XECRO reserves the right to make minor changes without prior notification.}$