## Proximity Sensors Inductive Extended Range, Stainless Steel Housing Type IA, M8



- Sensing distance: 2 to $\mathbf{4 m m}$
- Flush and non-flush types
- Short body
- Rated operational voltage: 10-30 VDC
- Output: DC 200 mA, NPN or PNP, normally open or normally closed
- LED-indication
- Protection: reverse polarity, short-circuit, transients
- Cable and plug versions


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## Product Description

A family of extended range inductive proximity switches in industrial stainless steel housings. They are able to handle applications where
high sensing range is requested. Outputs are open collector NPN or PNP transistors. Available with cable and M8 plug.

Ordering Key

## IA08BSF20NOM5

Type
Housing style
Housing size
Housing material
Housing length
Detection principle
Sensing distance
Output type
Output configuration
Connection type

## Specifications (cont.)

| Degree of protection | IP 67 |  |
| :--- | :--- | :--- |
| Weight (cable/nuts included) | IA 08 .. | approx. 30 g |
|  | IA 08 .. M5 | approx. 5 g |
| Tightening torque | $5.0 \mathrm{Nm}(\mathrm{x})$ |  |
|  | $8.0 \mathrm{Nm}(\mathrm{y})$ |  |
| Approvals | UL, CSA |  |
| CE-marking | Yes |  |

## Delivery Contents

- Inductive proximity switch IA.
- 2 nuts NPB
- Packaging: plastic bag

Wiring Diagrams


Dimensions


## Installation Hints

To avoid interference from inductive voltage/
current peaks, separate the prox. switch pow-
er cables from any other power cables, e.g.
motor, contactor or solenoid cables cable strain

