

IB090276**Inductive sensors • Increased switching distance**

sensor inductive, 59x8x8mm, Flush, Sn: 3, 10-30V DC, PNP NC, Connector M8, IP67, Zamak Chrome-plated



Inductive proximity switches are contact-free sensors. They detect all conductive metals, regardless of whether they move or not. The achievable sensing range of the devices depends on the object material and its dimensions. The vibration-resistant sensors can be approached laterally or frontally. Inductive proximity switches are used for presence detection (e.g. goods carriers), positioning (e.g. dampers), counting (e.g. nuts /bolts), speed detection (e.g. for cog wheels), on conveyor systems (e.g. hose feedings) or distance measurements (e.g. press-in checking) of metallic objects.

Electrical features

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|-------------------------------|------------------------------|
| Type of switching function | Normally closed contact (NC) |
| Type of electrical connection | Connector M8 |
| Type of switching output | PNP |
| Rated switching current | 200mA |
| Switching distance | 3mm |
| Operating voltage (DC) | 10 - 30V |

Mechanical features

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|--|----------------|
| Design | Cuboid |
| Width | 8mm |
| Height | 59mm |
| Cable infeed | axial |
| Length | 8mm |
| Maximum tightening torque | 1Nm |
| Mechanical mounting condition for sensor | flush |
| Surface | Chrome-plated |
| Degree of protection (IP) | IP67 |
| Active area material of sensor | Plastic (PBTP) |
| Housing material | Zamak |
| Ambient temperature | -25 - 70°C |

Other features

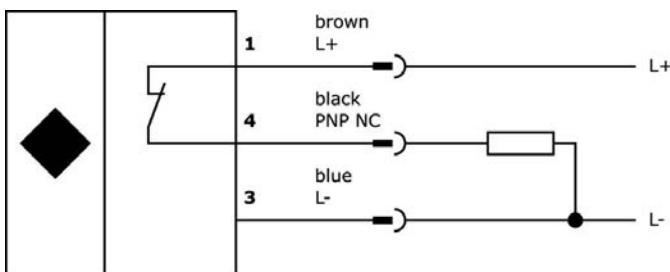
| | |
|---------------------|------------|
| Ambient temperature | -25 - 70°C |
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Classification

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| ETIM 8 | EC002714 Inductive proximity switch |
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More

| | |
|-----------------------|---|
| IPF Product Group | 201 inductive sensors (plus / super plus) |
| packaging dimensions | 215 x 180 x 8 mm |
| gross weight | 16 g |
| Customs tariff number | 85365019 |
| WEEE number | 40951076 |
| Reach-compliant | Yes |
| RoHS-compliant | Yes |

Connection**Installation**

Mounting / installation may only be carried out by a qualified electrician!

Disposal**Safety warnings**

Before initial operation, please make sure to follow all safety instructions that may be provided in the product information.

Never use these devices in applications where the safety of a person depends on their functionality.

For suitable connection and mounting accessories, please refer to our website www.ipf-electronic.com.