

IN840305

Inductive sensors • Increased switching distance

sensor inductive, Ø160mm 65long, Non-flush, Sn: 150, 10-30V DC, PNP NC/NO, Cable 2m PVC, IP67, Aluminum / PTB, factor 1

including 1x Screwdriver



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

| | |
|-------------------------------|---|
| Type of switching function | Normally closed contact/normally open contact |
| Type of electrical connection | Cable |
| Type of switching output | PNP |
| Rated switching current | 200mA |
| Switching distance | 150mm |
| Operating voltage (DC) | 10 - 30V |

Mechanical features

| | |
|--|----------------|
| Alignment of cable entry | axial |
| Design | Cylinder plain |
| Diameter | 160mm |
| Cable length | 2m |
| Cable infeed | axial |
| Length | 65mm |
| Mechanical mounting condition for sensor | non-flush |
| Degree of protection (IP) | IP67 |
| Active area material of sensor | Plastic (PBT) |
| Housing material | PBT |
| Material of cable sheath | Plastic (PVC) |
| Material independent sensors (factor 1) | Yes |
| Ambient temperature | -25 - 75°C |

Other features

| | |
|---------------------|------------|
| Ambient temperature | -25 - 75°C |
|---------------------|------------|

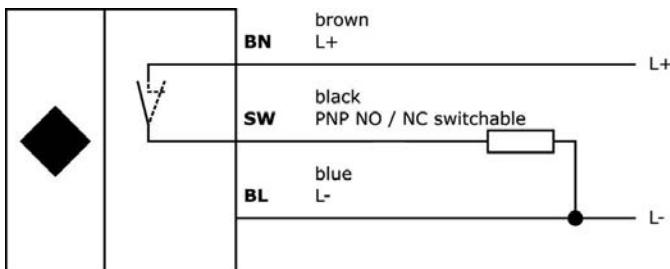
Classification

ETIM 8

EC002714 Inductive proximity switch

More

| | |
|-----------------------|---------------------------------|
| IPF Product Group | 203 inductive sensors (diverse) |
| packaging dimensions | 350 x 250 x 70 mm |
| gross weight | 1840 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.