IB090206

Inductive sensors ● Increased switching distance

sensor inductive, 40x8x8mm, Flush, Sn: 3, 10-30V DC, PNP NC, Cable 2m, 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

Type of switching function	Normally closed contact (NC)
Type of electrical connection	Cable
Type of switching output	PNP
Rated switching current	200mA
Line diameter	3.5mm
Switching distance	3mm
Operating voltage (DC)	10 - 30V

Mechanical features

Design	Cuboid
Width	8mm
Height	40mm
Cable length	2m
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

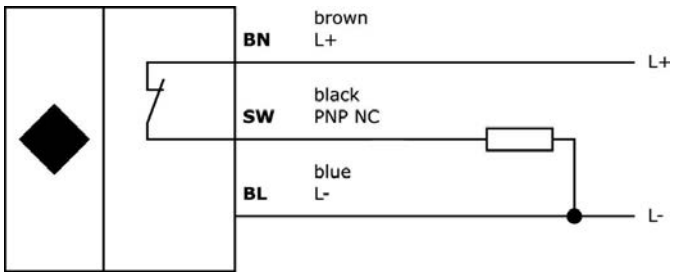
Classification

ETIM 8	EC002714 Inductive proximity switch

More

IPF Product Group	201 inductive sensors (plus / super plus)
packaging dimensions	120 x 100 x 15 mm
gross weight	44 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.