IV98C463

Inductive sensors ● Switching amplifiers

amplifier inductive, 130x300x240mm, Change-over contact (NO/NC), Clamp, IP65, Metal, With LED display

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

Display	LED display
Type of switching function	Change-over contact (NO/NC)
Type of electrical connection	Clamped terminal connection
Output circuit, relay change-over contact	2
Rated switching current	4000mA
No-load current	60mA
Switching capacity	60VA
Switching voltage	250V
Operating voltage (AC 50Hz)	115 - 230V
Malfunction message output	Yes
Amplifier for inductive sensors	Yes

Mechanical features

Design	Cuboid
Width	240mm
Height	130mm
Length	300mm
Mounting method	DIN rail
Degree of protection (IP)	IP65
Housing material	Metal
Ambient temperature	-20 - 60°C

Other features

Ambient temperature	-20 - 60°C

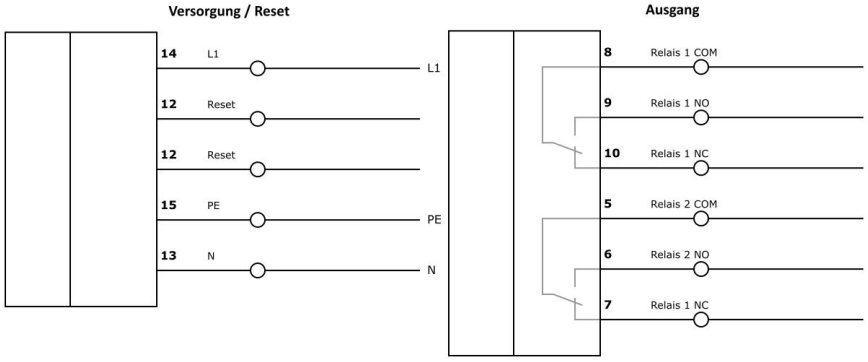
Classification

ETIM 8	EC001485 Isolation amplifier
eClass 7.0	27210121
eClass 7.1	27210121
eClass 8.0	27210121
eClass 9.0	27210121
eClass 9.1	27210121

More

IPF Product Group	203 inductive sensors (diverse)
packaging dimensions	360 x 260 x 170 mm
gross weight	5950 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.