

IV991196
INDUCTIVE SENSORS • ENLARGED AMBIENT TEMPERATURE

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.


MECHANICAL DATA

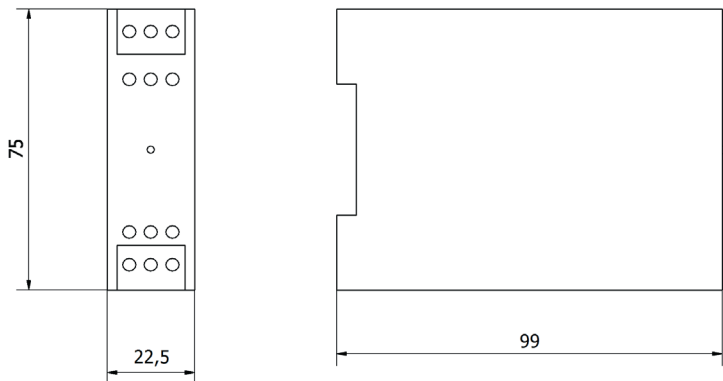
Degree of protection (IP)	IP20
Device design	Field device
Height	75 mm
Housing design	Cuboid
Housing material	Plastic
Mounting method	DIN rail
Width	22.5 mm

ELECTRICAL DATA

Amplifier for inductive sensors	Yes
Galvanic isolation between input and output	No
Galvanic isolation between inputs	No
Galvanic isolation between supply voltage and all other current circuits	No
Inherently safe according to EN 60947-5-6 NAMUR	No
Malfunction message output	No
Number of output circuits, transistor pnp	1
Rated supply voltage at DC	10 V ... 35 V
Suitable for safety functions	No
Switching capacity	7.2 VA
Switching current	0.3 A
Switching voltage	35 V
Type of electrical connection	Clamp
Type of switching function	Normally open contact (NO)
Type of voltage supply	Active
With LED display	Yes

OTHER DATA

Operating temperature	-25 °C ... 70 °C
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DIMENSIONAL DRAWING**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!