

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.


TECHNICAL DATA

Construction type housing	Cuboid
Degree of protection (IP)	IP20
Depth	110mm
Height	75mm
Material housing	Plastic
Width	22.5mm
Galvanic separation between input and output	NO
Galvanic separation between supply voltage and all other current circuits	NO
Inherently safe according to EN 60947-5-6 NAMUR	NO
Line monitoring	NO
Power consumption	0.4W
Rated supply voltage at DC (min/max)	10V / 35V
Reverse polarity protection	NO
Short-circuit-proof	NO
Suited for safety functions	NO
Switching frequency	3Hz
Type of electric connection	Screw connection
Type of power supply	Active
With LED indication	NO
With communication interface RS-232	NO
Operation temperature (min/max)	-25°C / 70°C

CONNECTION

DIMENSIONAL DRAWING

ADDITIONAL INFORMATION