



Product characteristics

Inductive sensor

Metal thread M18 x 1

Quick disconnect

Sensing range 5 mm; [f] flush mountable

Electrical data

Electrical design

Operating voltage [V]

Current consumption [mA]

Protection class

Reverse polarity protection

Outputs

Output function

Voltage drop [V]

Current rating [mA]

Short-circuit protection

Overload protection

Switching frequency [Hz]

Monitoring range

Sensing range [mm]

Real sensing range (Sr) [mm]

Operating distance [mm]

Accuracy / deviations

Correction factors

Hysteresis [% of Sr]

Switch-point drift [% of Sr]

Environment

Ambient temperature [°C]

Protection

Tests / approvals

EMC

MTTF [Years]

Mechanical data

Mounting

Housing materials

Weight [kg]

Displays / operating elements

Output status indication LED

Electrical connection

Connection

Wiring

	DC PNP
	10...36 DC
	15 (24 V)
	II
	yes
	normally open
	< 2.5
	250
	yes (non-latching)
	yes
	500
	5
	5 ± 10 %
	0...4.05
	mild steel = 1 / stainless steel approx. 0.7 / brass approx. 0.4 / aluminium approx. 0.3 / copper approx. 0.2
	1...15
	-10...10
	-25...80
	IP 67
	EN 60947-5-2
	EN 55011: class B
	1862
	flush mountable
	brass white bronze coated; PC (polycarbonate)
	0.057
	4 x yellow
	M12 connector

IG5937 - Inductive sensor - eclass: 27270101 / 27-27-01-01



Accessories

Accessories (included)

2 lock nuts

Remarks

Pack quantity

[piece]

1