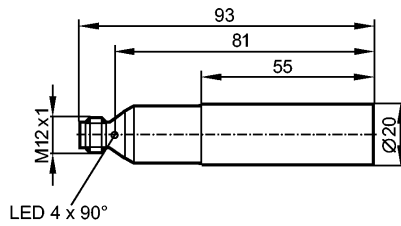


IA5126

IA-3010-BPKG/US-104-KPS

Inductive sensors



Product characteristics

Inductive sensor

Plastic housing Ø 20 mm

Quick disconnect

Sensing range 10 mm; [nf] non-flush mountable

Electrical data

Electrical design	DC PNP
Operating voltage [V]	10...36 DC
Current consumption [mA]	15 (24 V)
Protection class	II
Reverse polarity protection	yes

Outputs

Output function	normally open
Voltage drop [V]	< 2.5
Current rating [mA]	250
Short-circuit protection	yes (non-latching)
Overload protection	yes
Switching frequency [Hz]	300

Monitoring range

Sensing range [mm]	10
Real sensing range (Sr) [mm]	10 ± 10 %
Operating distance [mm]	0...8.1

Accuracy / deviations

Correction factors	mild steel = 1 / stainless steel approx. 0.7 / brass approx. 0.4 / aluminium approx. 0.3 / copper approx. 0.2
Hysteresis [% of Sr]	1...15
Switch-point drift [% of Sr]	-10...10

Environment

Ambient temperature [°C]	-25...80
Protection	IP 67

Tests / approvals

EMC	EN 60947-5-2
MTTF [Years]	1801

Mechanical data

Mounting	non-flush mountable
Housing materials	PBT
Weight [kg]	0.075

IA5126

IA-3010-BPKG/US-104-KPS

Inductive sensors

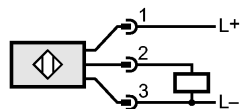
Displays / operating elements

Output status indication LED yellow

Electrical connection

Connection M12 connector

Wiring



Accessories

Accessories (included) Mounting clamp

Remarks

Pack quantity [piece] 1