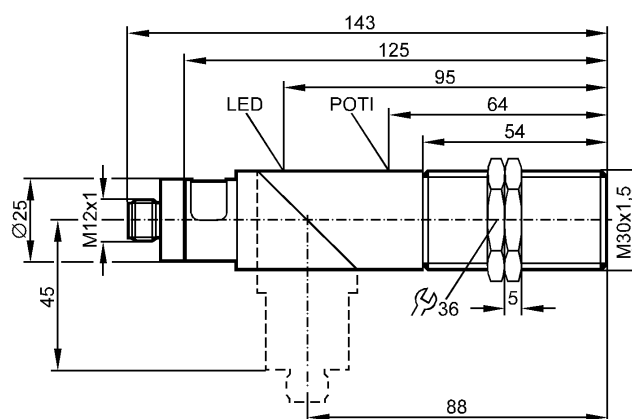


KI5052

KIE3015-FPKG/NI/55V/US-100-DPX

Capacitive sensors


Made in Germany

Product characteristics

Capacitive sensor
Plastic thread M30 x 1.5
Connector
Increased immunity to conducted radio frequency interference
Sensing range 15 mm; [nf] non-flush mountable

Electrical data

Electrical design	DC PNP
Operating voltage [V]	10...55 DC; "supply class 2" to cULus.
Current consumption [mA]	< 14 (24 V)
Protection class	II
Reverse polarity protection	yes

Outputs

Output function	normally open / closed programmable
Voltage drop [V]	< 2.5
Current rating [mA]	250
Short-circuit protection	pulsed
Overload protection	yes
Switching frequency [Hz]	40

Range

Sensing range [mm]	15
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Environment

Ambient temperature [°C]	-25...70
Protection	IP 65

Tests / approvals

EMC	EN 60947-5-2
MTTF [Years]	743

Mechanical data

Mounting	non-flush mountable
Housing materials	PBT; end cap: polycarbonate
Weight [kg]	0.147

Displays / operating elements

Output status indication	LED	yellow
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KI5052

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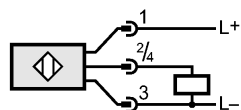
Capacitive sensors

Electrical connection

Connection

M12 connector

Wiring



Accessories

Accessories (included)

2 lock nuts; screwdriver

Remarks

Pack quantity

[piece]

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