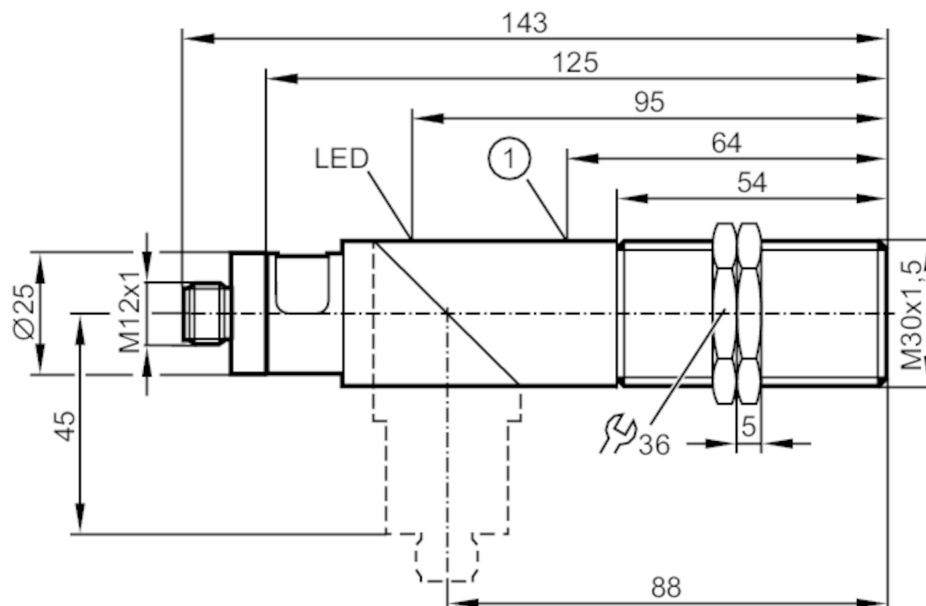




Capacitive sensor

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



1 potentiometer



Product characteristics

Electrical design	PNP
Output function	normally open / normally closed; (selectable)
Sensing range [mm]	15
Housing	threaded type
Dimensions [mm]	M30 x 1.5 / L = 143

Electrical data

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

Electrical design	PNP
Output function	normally open / normally closed; (selectable)
Max. voltage drop switching output DC [V]	2.5
Permanent current rating of switching output DC [mA]	250
Switching frequency DC [Hz]	40
Short-circuit proof	yes
Overload protection	yes

Detection zone

Sensing range [mm]	15
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KI5052



Capacitive sensor

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

Operating conditions

Ambient temperature	[°C]	-25...70
Protection		IP 65
Increased immunity		yes; (increased immunity to conducted radio frequency interference)

Tests / approvals

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

Mechanical data

Weight	[g]	146
Housing		threaded type
Mounting		non-flush mountable
Dimensions	[mm]	M30 x 1.5 / L = 143
Thread designation		M30 x 1.5
Materials		PBT; end cap: PC

Displays / operating elements

Display	switching status	1 x LED, yellow
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Accessories

Items supplied	lock nuts: 2
	screwdriver: 1

Remarks

Pack quantity	1 pcs.
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Electrical connection - plug

Connector: 1 x M12; coding: A



Connection

