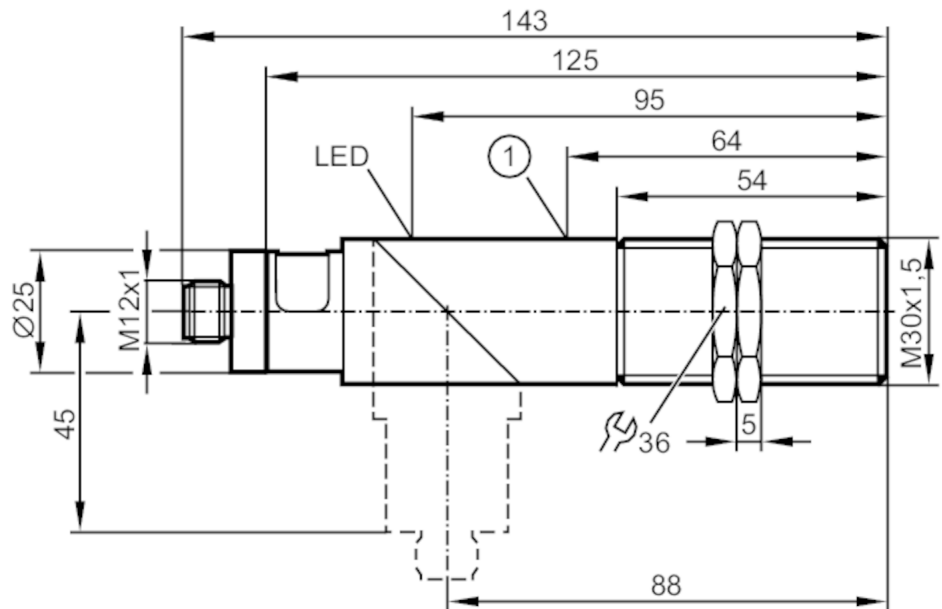


KI5052



Capacitive sensor

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



1 potentiometer



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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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

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Capacitive sensor

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Mechanical data		
Weight	[g]	146.8
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

Accessories		
Accessories (supplied)		lock nuts: 2
		screwdriver: 1

Remarks		
Pack quantity		1 pcs.

Electrical connection - plug

Connector: 1 x M12



Connection

