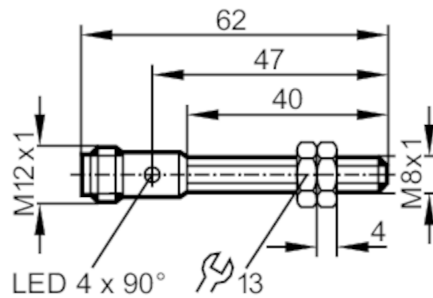


IE5304



Inductive sensor

IEK3002BBPKG/V2A/US-104-DPS



Product characteristics	
Electrical design	PNP
Output function	normally open
Sensing range [mm]	2
Housing	threaded type
Dimensions [mm]	M8 x 1 / L = 62
Electrical data	
Operating voltage [V]	10...36 DC
Current consumption [mA]	15; (24 V)
Protection class	III
Reverse polarity protection	yes
Outputs	
Electrical design	PNP
Output function	normally open
Max. voltage drop switching output DC [V]	2.5
Permanent current rating of switching output DC [mA]	200
Short-time current rating of switching output [mA]	200
Switching frequency DC [Hz]	800
Short-circuit protection	yes
Type of short-circuit protection	pulsed
Overload protection	yes
Detection zone	
Sensing range [mm]	2
Operating distance [mm]	0...1.55
Accuracy / deviations	
Correction factor	steel: 1 / stainless steel: 0.7 / brass: 0.4 / aluminium: 0.3 / copper: 0.1
Hysteresis [% of Sr]	1...10
Switch point drift [% of Sr]	-10...10

IE5304



Inductive sensor

IEK3002BBPKG/V2A/US-104-DPS

Operating conditions		
Ambient temperature	[°C]	-20...70
Protection		IP 67
Tests / approvals		
EMC	EN 60947-5-2	
	EN 55011	class B
MTTF	[years]	3491
Mechanical data		
Weight	[g]	22.3
Housing		threaded type
Mounting		flush mountable
Dimensions	[mm]	M8 x 1 / L = 62
Thread designation		M8 x 1
Materials		stainless steel (1.4305 / 303); LCP
Displays / operating elements		
Display	switching status	4 x 90° LED, yellow
Accessories		
Accessories (supplied)		lock nuts: 2
Remarks		
Pack quantity		1 pcs.

Electrical connection - plug

Connector: 1 x M12



Connection

