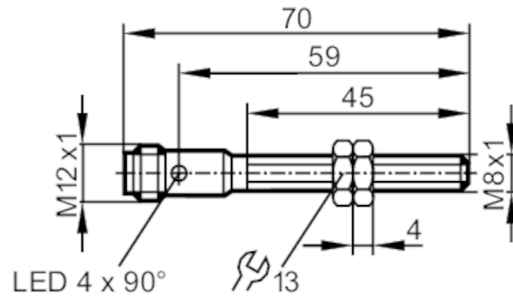


IE5392



Inductive sensor

IEA3002BBPKG/V4A/US



Electrical data	
Operating voltage [V]	10...36 DC; (to PELV)
Current consumption [mA]	< 15
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]	100
Switching frequency DC [Hz]	1000
Short-circuit protection	yes
Type of short-circuit protection	pulsed
Overload protection	yes
Detection zone	
Sensing range [mm]	2
Real sensing range Sr [mm]	2 ± 10 %
Operating distance [mm]	0...1.62
Accuracy / deviations	
Correction factor	steel: 1 / stainless steel: 0.7 / brass: 0.5 / aluminium: 0.4 / copper: 0.3
Hysteresis [% of Sr]	1...15
Switch point drift [% of Sr]	-10...10
Operating conditions	
Ambient temperature [°C]	0...100
Protection	IP 67
Tests / approvals	
EMC	EN 60947-5-2
MTTF [years]	2138

IE5392



Inductive sensor

IEA3002BBPKG/V4A/US

Mechanical data		
Weight	[g]	23.5
Housing		threaded type
Mounting		flush mountable
Dimensions	[mm]	M8 x 1 / L = 70
Thread designation		M8 x 1
Materials		housing: stainless steel; sensing face: PEEK
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

