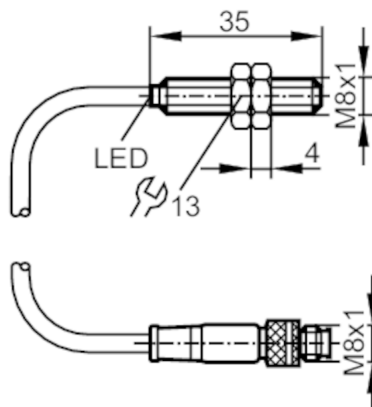




Inductive sensor

IEB3002BAPKG/0,8M/FH/AS



Electrical data

Operating voltage	[V]	10...36 DC
Current consumption	[mA]	< 15
Protection class		III
Reverse polarity protection		yes

Outputs

Electrical design		PNP
Output function		normally closed
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]	850
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 %

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]	-25...70
Protection		IP 67



Inductive sensor

IEB3002BAPKG/0,8M/FH/AS

Tests / approvals		
EMC	EN 60947-5-2	
MTTF	[years]	2826
Mechanical data		
Weight	[g]	35
Housing	threaded type	
Mounting	flush mountable	
Dimensions	[mm]	M8 x 1 / L = 35
Thread designation	M8 x 1	
Materials	brass white bronze coated; LCP	
Displays / operating elements		
Display	switching status	1 x LED, yellow
Electrical connection		
Connection	plug	
Remarks		
Pack quantity	1 pcs.	

Electrical connection - plug

Cable: 0.8 m, PUR; flame-retardant (FRNC); 3 x 0.14 mm²

Connector: 1 x M8



Connection

