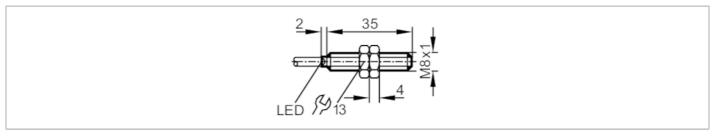
IE5387

Inductive sensor

IEBC003BASKG/0,23M





C€ CA

Product characteristics				
Electrical design		PNP/NPN		
Output function		normally open		
Sensing range	[mm]	3		
Housing		Threaded type		
Dimensions	[mm]	M8 x 1 / L = 37		
Electrical data				
Operating voltage	[V]	1030 DC		
Current consumption	[mA]	< 10; (only in 3-wire operation)		
Protection class		III		
Reverse polarity protection		yes		
Outputs				
Electrical design		PNP/NPN		
Output function		normally open		
Max. voltage drop switching output DC	[V]	2.8		
Minimum load current	[mA]	2; (only in 2-wire operation)		
Max. leakage current	[mA]	0.5; (only in 2-wire operation)		
Permanent current rating of switching output DC	[mA]	100		
Switching frequency DC	[Hz]	1000		
Short-circuit protection		yes		
Type of short-circuit protection		yes (non-latching)		
Overload protection		yes		
Monitoring range				
Sensing range	[mm]	3		
Operating distance	[mm]	02.4		
Accuracy / deviations				
Correction factor		steel: 1 / stainless steel: 0.7 / brass: 0.5 / aluminum: 0.4 / copper: 0.3		
Hysteresis [% of Sr]	115		
Operating conditions				
Ambient temperature	[°C]	070		
Protection		IP 67		
Tests / approvals				
EMC		EN 60947-5-2		
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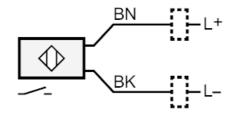
IE5387

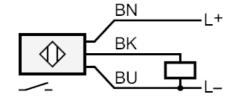
Inductive sensor





MTTF	[years]		1517		
Mechanical data					
Weight	[g]		22.5		
Housing			Threaded type		
Mounting			flush mountable		
Dimensions	[mm]		M8 x 1 / L = 37		
Thread designation			M8 x 1		
Material		brass white bronze coated; sensing face: LCP			
Displays / operating elements					
Display		Switching status	1 x LED, yellow		
Accessories					
Items supplied			lock nuts: 2		
Remarks					
Pack quantity			1 pcs.		
Electrical connection					
Cable: 0.23 m, PVC; 3 x 0.14 mm ²					
Connection					





Core colors :

BK = black

BN = brown

BU = blue