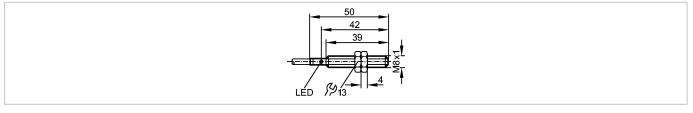
## efectorioo 1E5212



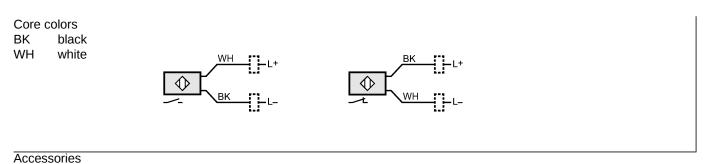
## IE-2002-FROG/6M/PH



## C€ E₩[

Product characteristics		
Inductive sensor		
Plastic thread M8 x 1		
Cable		
Sensing range 2 mm; [nf] n	on-flush mo	untable
Electrical data		
Electrical design		DC PNP/NPN
Operating voltage	[V]	536 DC
Protection class		
Reverse polarity protection		no
Outputs		
Output function		normally open / closed programmable
Voltage drop	[V]	< 4.6
Minimum load current	[mA]	4
Leakage current	[mA]	< 0.8
Current rating	[mA]	200
Short-circuit protection		no
Overload protection		no
Switching frequency	[Hz]	2000
Monitoring range		
Sensing range	[mm]	2
Real sensing range (Sr)	[mm]	2 ± 10 %
Operating distance	[mm]	01.6
Accuracy / deviations		
Correction factors		mild steel = 1 / stainless steel approx. 0.7 / brass approx. 0.4 / aluminium approx.
		0.3 / copper approx. 0.2
Hysteresis	[% of Sr]	115
Switch-point drift	[% of Sr]	-1010
Environment		
Ambient temperature	[°C]	-2580
Protection		IP 67
Tests / approvals		
EMC		EN 60947-5-2
		EN 55011: class B
MTTF	[Years]	3338
Mechanical data		
Mounting		non-flush mountable
Housing materials		PBT (Pocan); ARNITEL
Weight	[kg]	0.107
Displays / operating elemer		
Output status indication	LED	yellow
Electrical connection	1	
Connection		PUR / PVC cable / 6 m; 2 x 0.14 mm <sup>2</sup>
Wiring		

## IE5212 - Inductive sensor - eclass: 27270101 / 27-27-01-01



Accessories (included)	)	2 lock nuts	
Remarks			
Pack quantity	[piece]	1	

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