IN5262

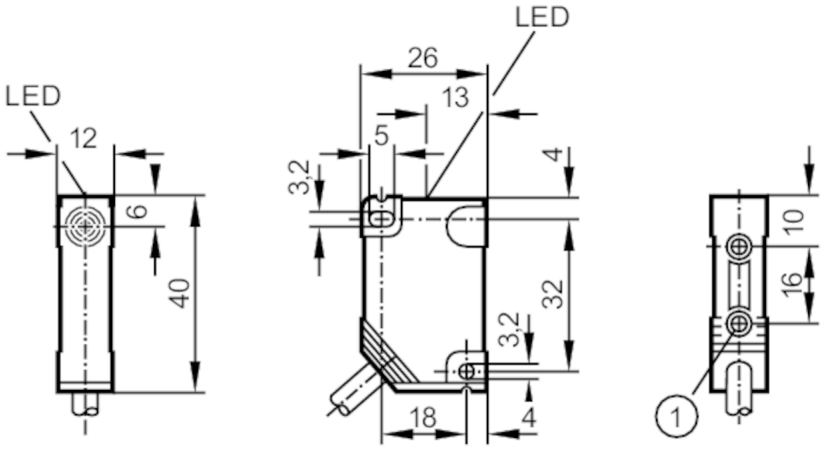
Inductive sensor

IN-2004-FRKG/PH RT

Article no longer available - archive entry

Alternative articles: IN5208

When selecting an alternative article and accessories please note that technical data may differ!



1 threaded bush M3 Depth 5.8 mm
Tightening torque maximum 1.2 Nm screw fixing class 8.8
when brass insert in contact with counterpart

Product characteristics		
Electrical design		PNP/NPN
Output function		normally open / normally closed; (selectable)
Sensing range	[mm]	4
Housing		rectangular
Dimensions	[mm]	40 x 12 x 26
Electrical data		
Operating voltage	[V]	10...55 DC
Protection class		II
Reverse polarity protection		yes
Outputs		
Electrical design		PNP/NPN
Output function		normally open / normally closed; (selectable)
Max. voltage drop switching output DC	[V]	4.6
Minimum load current	[mA]	4
Max. leakage current	[mA]	0.5
Permanent current rating of switching output DC	[mA]	300
Switching frequency DC	[Hz]	1200
Short-circuit protection		yes
Type of short-circuit protection		pulsed

IN5262

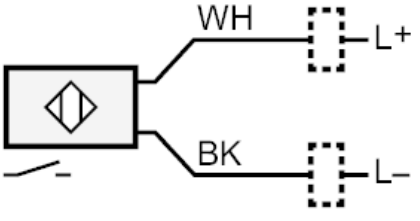
Inductive sensor

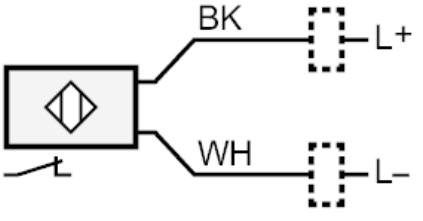
IN-2004-FRKG/PH RT

Overload protection		yes	
Detection zone			
Sensing range	[mm]	4	
Real sensing range Sr	[mm]	4 ± 10 %	
Operating distance	[mm]	0...3.25	
Accuracy / deviations			
Correction factor		steel: 1 / stainless steel: 0.7 / brass: 0.4 / aluminium: 0.3 / copper: 0.2	
Hysteresis	[% of Sr]	1...15	
Switch point drift	[% of Sr]	-10...10	
Operating conditions			
Ambient temperature	[°C]	-25...80	
Protection		IP 67	
Tests / approvals			
EMC		EN 60947-5-2	
		EN 55011	class B
Mechanical data			
Weight	[g]	104.2	
Housing		rectangular	
Mounting		non-flush mountable	
Dimensions	[mm]	40 x 12 x 26	
Materials		PBT	
Displays / operating elements			
Display		switching status	1 x LED, red
Remarks			
Pack quantity		1 pcs.	
Electrical connection			

Cable: 2 m, PUR / PVC; 2 x 0.5 mm²

Connection





Core colours :
BK = black
WH = white