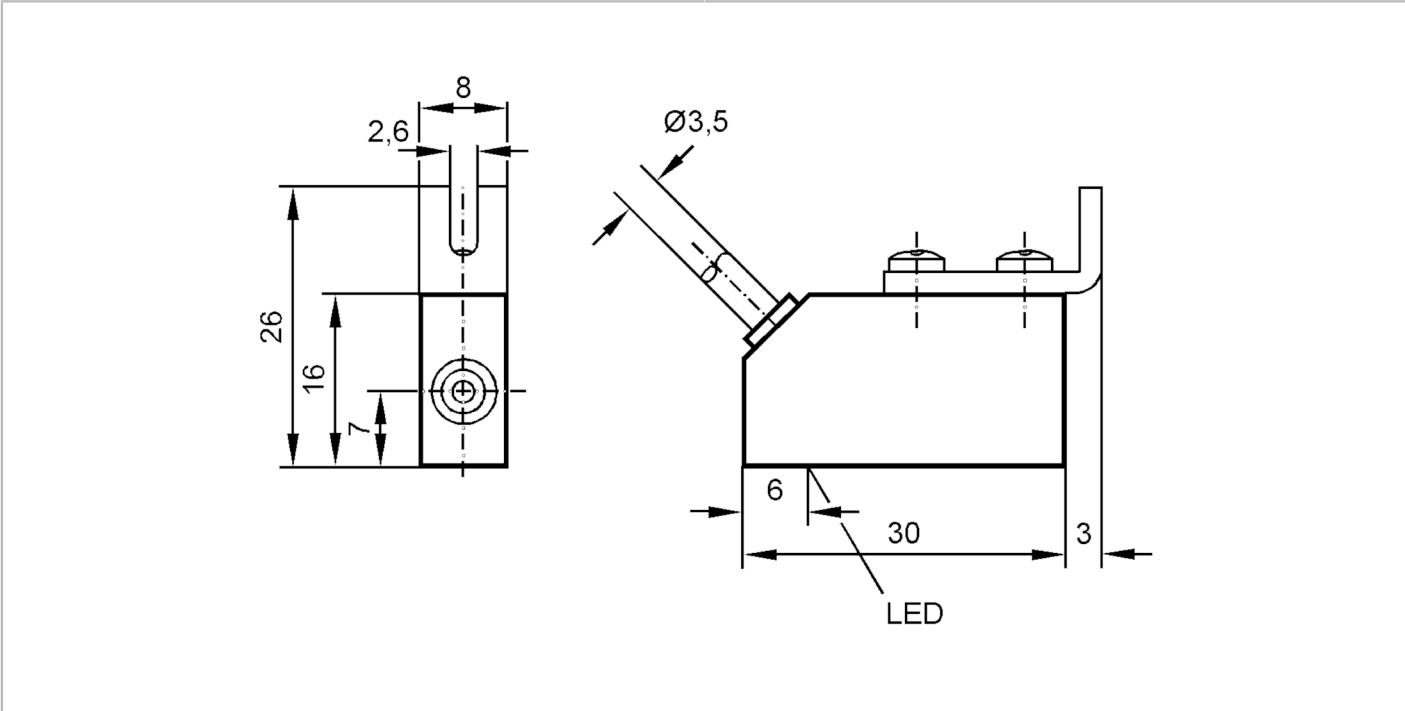




Inductive sensor

I9-3002-ANKG/0,3M/BH/WKL RT

Article no longer available - archive entry



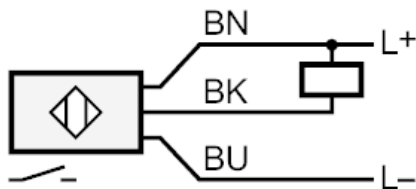
Product characteristics		
Electrical design		NPN
Output function		normally open
Sensing range	[mm]	2
Housing		rectangular
Dimensions	[mm]	16 x 30 x 8
Electrical data		
Operating voltage	[V]	10...36 DC
Current consumption	[mA]	< 5
Protection class		III
Reverse polarity protection		yes
Outputs		
Electrical design		NPN
Output function		normally open
Max. voltage drop switching output DC	[V]	1
Permanent current rating of switching output DC	[mA]	50
Switching frequency DC	[Hz]	1000
Short-circuit protection		yes
Type of short-circuit protection		yes (non-latching)
Overload protection		yes



Inductive sensor

I9-3002-ANKG/0,3M/BH/WKL RT

Monitoring range		
Sensing range	[mm]	2
Real sensing range Sr	[mm]	2 ± 10 %
Operating distance	[mm]	0...1.6
Accuracy / deviations		
Correction factor		steel: 1 / stainless steel: 0.7 / brass: 0.5 / aluminum: 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
Tests / approvals		
EMC	EN 60947-5-2	
Mechanical data		
Housing		rectangular
Mounting		non-flush mountable
Dimensions	[mm]	16 x 30 x 8
Material		PA; AlMgSi0.5
Displays / operating elements		
Display	Switching status	1 x LED, red
Accessories		
Items supplied		Angle brackets
Remarks		
Pack quantity		1 pcs.
Electrical connection		
Cable: 0.3 m, PUR; 3 x 0.14 mm²		
Connection		



	Core colors :
BK =	black
BN =	brown
BU =	blue