

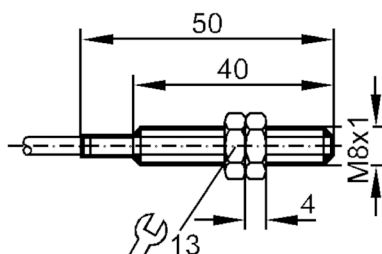
# IE5054



## Inductive sensor

IE-3001-BNOG/10m

Article no longer available - archive entry



### Product characteristics

Electrical design		NPN
Output function		normally closed
Sensing range	[mm]	1
Housing		threaded type
Dimensions	[mm]	M8 x 1

### Electrical data

Operating voltage	[V]	10...36 DC
Current consumption	[mA]	< 7
Protection class		II
Reverse polarity protection		no

### Outputs

Electrical design		NPN
Output function		normally closed
Max. voltage drop switching output DC	[V]	1.5
Permanent current rating of switching output DC	[mA]	100
Switching frequency DC	[Hz]	1000
Short-circuit protection		no
Overload protection		no

### Detection zone

Sensing range	[mm]	1
Real sensing range $S_r$	[mm]	$1 \pm 10\%$
Operating distance	[mm]	0...0.8

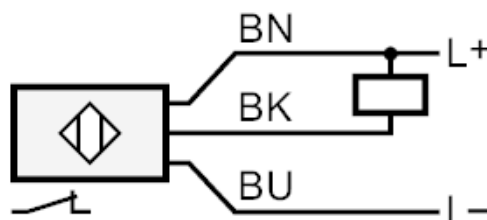
# IE5054



## Inductive sensor

IE-3001-BNOG/10m

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	
Mechanical data		
Housing	threaded type	
Mounting	flush mountable	
Dimensions [mm]	M8 x 1	
Thread designation	M8 x 1	
Displays / operating elements		
Display	switching status	1 x LED, yellow
Accessories		
Items supplied	lock nuts: 2	
Remarks		
Pack quantity	1 pcs.	
Electrical connection		
Cable: 10 m, PVC; 3 x 0.14 mm <sup>2</sup>		
Connection		



Core colours :

- BN = brown
- BU = blue
- BK = black