

# IF5447

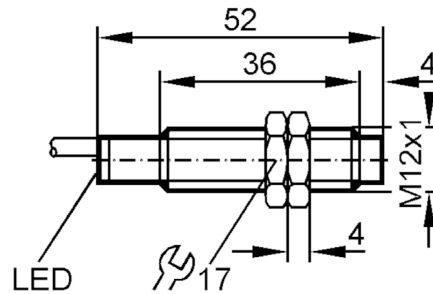


## Inductive sensor

IFK3004LAPOG/V4A

Article no longer available - archive entry

replaced by: IF5779



### Electrical data

Operating voltage	[V]	10...30 DC
Current consumption	[mA]	15; (24 V)
Protection class		II
Reverse polarity protection		no

### Outputs

Electrical design		PNP
Output function		normally closed
Max. voltage drop switching output DC	[V]	1
Permanent current rating of switching output DC	[mA]	200
Switching frequency DC	[Hz]	300
Short-circuit protection		no
Overload protection		no

### Detection zone

Sensing range	[mm]	4
Real sensing range $S_r$	[mm]	$4 \pm 10\%$
Operating distance	[mm]	0...3.25

# IF5447

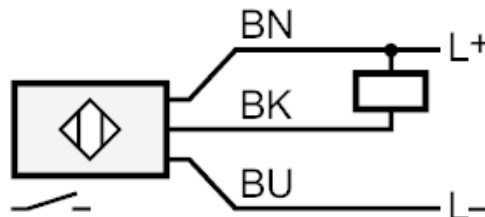


## Inductive sensor

IFK3004LAPOG/V4A

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		
Housing	threaded type	
Mounting	non-flush mountable	
Dimensions [mm]	M12 x 1	
Thread designation	M12 x 1	
Materials	stainless steel (1.4571/316Ti ); PBT	
Displays / operating elements		
Display	switching status	1 x LED, red
Accessories		
Accessories (supplied)	lock nuts: 2	
Remarks		
Pack quantity	1 pcs.	
Electrical connection		
Cable: 2 m, PVC; 3 x 0.14 mm <sup>2</sup>		

### Connection



Article no longer available - archive entry

replaced by: IF5779