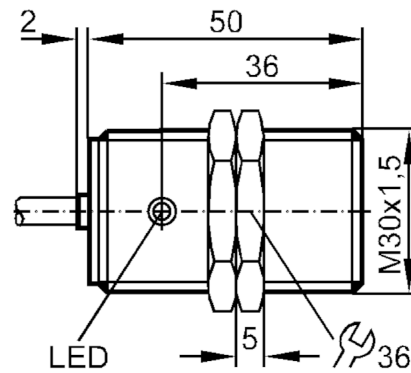




## Inductive sensor

IIC2010-BRKG/UP

Article no longer available - archive entry



### Product characteristics

Electrical design	PNP/NPN
Output function	normally closed
Sensing range [mm]	10
Housing	threaded type
Dimensions [mm]	M30 x 1.5

### Electrical data

Operating voltage [V]	10...36 DC
Protection class	II
Reverse polarity protection	yes



## Inductive sensor

IIC2010-BRKG/UP

Outputs		
Electrical design		PNP/NPN
Output function		normally closed
Max. voltage drop switching output DC	[V]	4.6
Minimum load current	[mA]	4
Max. leakage current	[mA]	0.6
Permanent current rating of switching output DC	[mA]	150
Switching frequency DC	[Hz]	460
Short-circuit protection		yes
Type of short-circuit protection		pulsed
Overload protection		yes
Detection zone		
Sensing range	[mm]	10
Real sensing range Sr	[mm]	10 ± 10 %
Operating distance	[mm]	0...8.1
Accuracy / deviations		
Correction factor		steel: 1 / stainless steel: 0.7 / brass: 0.4 / aluminium: 0.3 / copper: 0.2
Hysteresis	[% of Sr]	3...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	class B
	EN 55011	
Mechanical data		
Housing		threaded type
Mounting		flush mountable
Dimensions	[mm]	M30 x 1.5
Thread designation		M30 x 1.5
Materials		PBT
Displays / operating elements		
Display	switching status	1 x LED, yellow
Accessories		
Items supplied		lock nuts: 2
Remarks		
Pack quantity		1 pcs.

# II5695



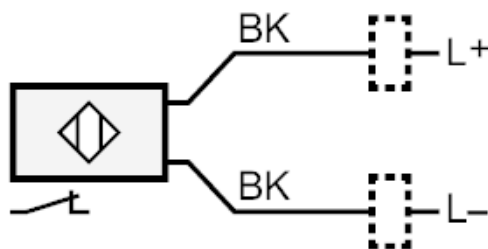
## Inductive sensor

IIC2010-BRKG/UP

### Electrical connection

Cable: 2 m, PVC; 2 x 0.5 mm<sup>2</sup>

### Connection



Core colours :

BK =

black