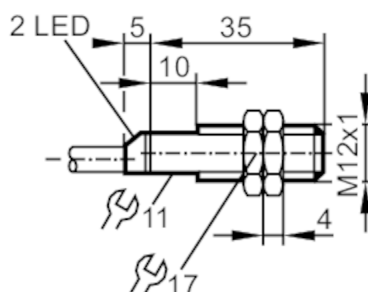




Inductive sensor

IFB2004BBROG/UP/0,3m/DC

Article no longer available - archive entry



Product characteristics

Electrical design	PNP/NPN
Output function	normally closed
Sensing range [mm]	4
Housing	Threaded type
Dimensions [mm]	M12 x 1 / L = 40

Application

System	Increased sensing range; optical setting aid
--------	--

Electrical data

Operating voltage [V]	10...36 DC
Protection class	II
Reverse polarity protection	no

Outputs

Electrical design	PNP/NPN
Output function	normally closed
Max. voltage drop switching output DC [V]	5
Minimum load current [mA]	5
Max. leakage current [mA]	1
Permanent current rating of switching output DC [mA]	100
Switching frequency DC [Hz]	110
Short-circuit protection	no
Overload protection	no

Monitoring range

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

Accuracy / deviations

Correction factor	steel: 1 / stainless steel: 0.7 / brass: 0.4 / aluminum: 0.3 / copper: 0.3
Hysteresis [% of Sr]	3...15

IF5907



Inductive sensor

IFB2004BBROG/UP/0,3m/DC

Switch-point drift	[% of Sr]	-10...10
--------------------	-----------	----------

Operating conditions

Ambient temperature	[°C]	-25...70
---------------------	------	----------

Protection	IP 67
------------	-------

Tests / approvals

EMC	EN 60947-5-2	
	EN 55011	class B

Mechanical data

Housing	Threaded type
---------	---------------

Mounting	flush mountable
----------	-----------------

Dimensions	[mm]	M12 x 1 / L = 40
------------	------	------------------

Thread designation	M12 x 1
--------------------	---------

Material	brass white bronze coated; PBT
----------	--------------------------------

Displays / operating elements

Display	Switching status	1 x LED, red
---------	------------------	--------------

Switching status	1 x LED, green
------------------	----------------

Optical setting aid	yes
---------------------	-----

Accessories

Items supplied	lock nuts: 2
----------------	--------------

Remarks

Pack quantity	1 pcs.
---------------	--------

Electrical connection - plug

Cable: 0.3 m, PUR; 2 x 0.34 mm²

Connector: 1 x M12; coding: A



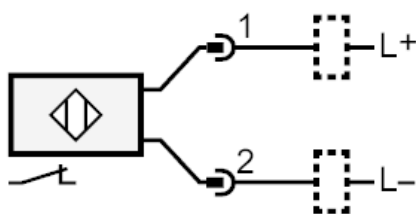
IF5907



Inductive sensor

IFB2004BBROG/UP/0,3m/DC

Connection



BK =

Core colors :
black