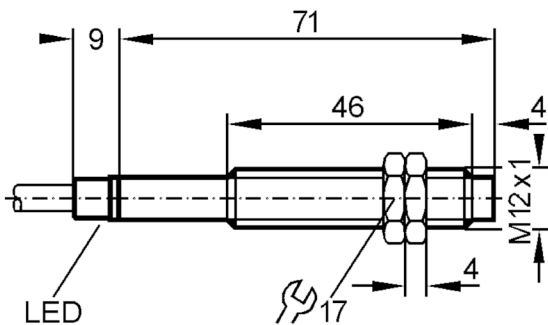




Inductive sensor

IFA2004-ARKG/20M/PVC/INOX

Article no longer available - archive entry



Product characteristics	
Electrical design	PNP/NPN
Output function	normally open
Sensing range [mm]	4
Housing	threaded type
Dimensions [mm]	M12 x 1
Electrical data	
Operating voltage [V]	10...55 DC
Protection class	II
Reverse polarity protection	yes
Outputs	
Electrical design	PNP/NPN
Output function	normally open
Max. voltage drop switching output DC [V]	5.6
Minimum load current [mA]	4
Max. leakage current [mA]	0.6
Permanent current rating of switching output DC [mA]	400
Switching frequency DC [Hz]	1500
Short-circuit protection	yes
Type of short-circuit protection	pulsed



Inductive sensor

IFA2004-ARKG/20M/PVC/INOX

Overload protection	yes
---------------------	-----

Detection zone

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

Accuracy / deviations

Correction factor	steel: 1 / stainless steel: 0.7 / brass: 0.4 / aluminium: 0.3 / copper: 0.2	
Hysteresis	[% of S_r]	1...15
Switch point drift	[% of S_r]	-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		PBT; stainless steel (316L/1.4404)

Displays / operating elements

Display	switching status	1 x LED, yellow
---------	------------------	-----------------

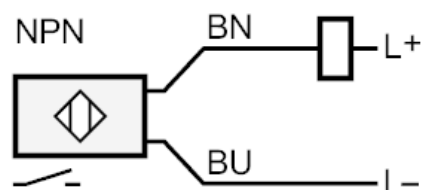
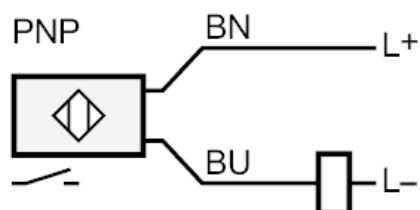
Remarks

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

Electrical connection

Cable: 20 m, PVC

Connection



Core colours :
 BN = brown
 BU = blue