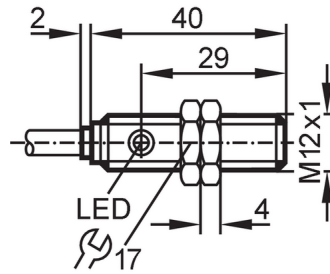


# IF5718



## Inductive sensor

IFC2004-ARKG/UP



### Product characteristics

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

### Electrical data

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

### Outputs

Electrical design		PNP/NPN
Output function		normally open
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]	1500
Short-circuit protection		yes
Type of short-circuit protection		pulsed
Overload protection		yes

### Detection zone

Sensing range	[mm]	4
Real sensing range Sr	[mm]	4 ± 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 Sr]	1...15
Switch point drift	[% of Sr]	-10...10

### Operating conditions

Ambient temperature	[°C]	-25...80
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# IF5718



## Inductive sensor

IFC2004-ARKG/UP

Protection	IP 67
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### Tests / approvals

EMC	EN 60947-5-2
MTTF [years]	2680

### Mechanical data

Weight [g]	74.5
Housing	threaded type
Mounting	non-flush mountable
Dimensions [mm]	M12 x 1 / L = 40
Thread designation	M12 x 1
Materials	housing: PBT

### Displays / operating elements

Display	switching status	1 x LED, yellow
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### Accessories

Items supplied	lock nuts: 2
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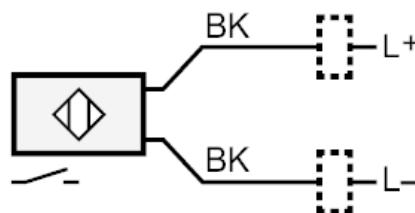
### Remarks

Pack quantity	1 pcs.
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### Electrical connection

Cable: 2 m, PVC; 2 x 0.34 mm<sup>2</sup>

### Connection



BK = Core colours :  
black