

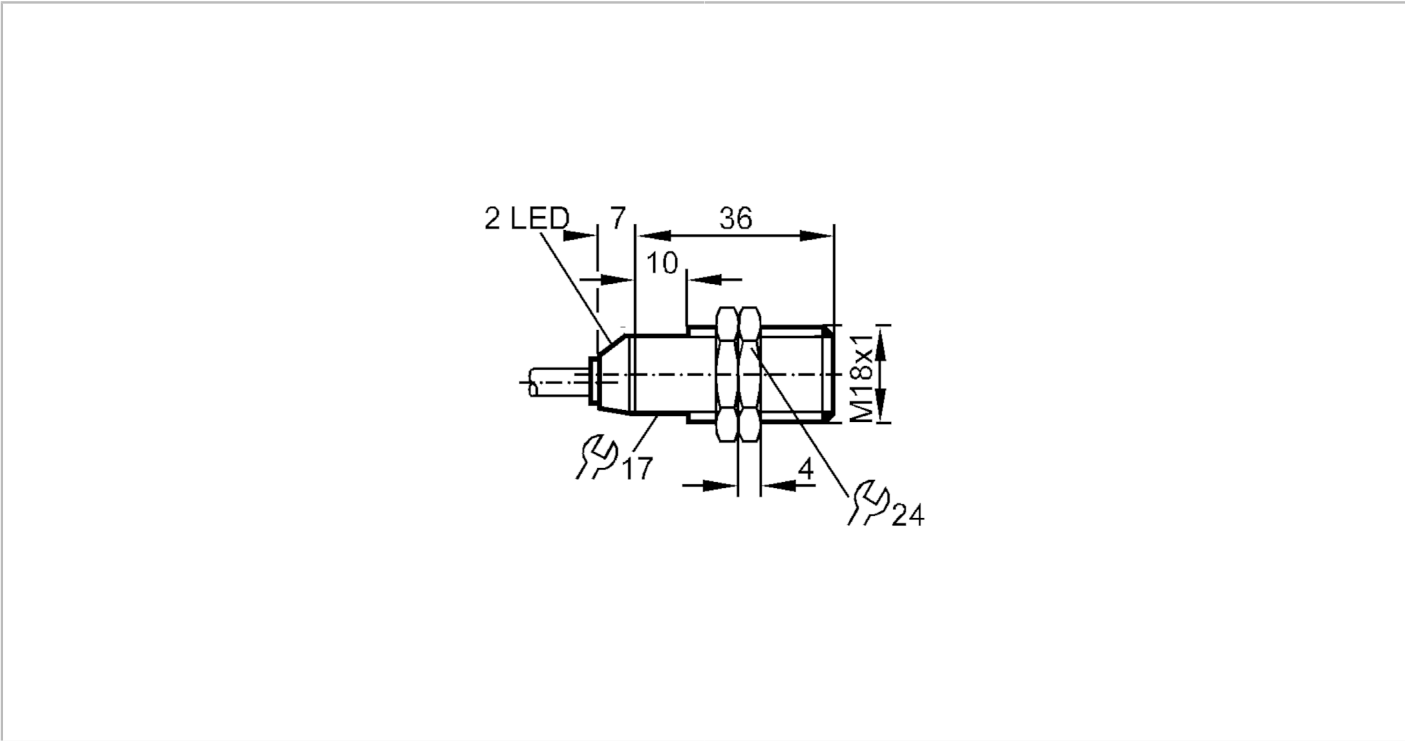


Inductive sensor

IGB2008BAROG/UP/Sonderstecker

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Alternative articles: IG5820
When selecting an alternative article and accessories please note that technical data may differ!



Product characteristics	
Electrical design	PNP/NPN
Output function	normally open
Sensing range [mm]	8
Housing	threaded type
Dimensions [mm]	M18 x 1
Application	
Special feature	Increased sensing range
Electrical data	
Operating voltage [V]	10...36 DC
Reverse polarity protection	no
Outputs	
Electrical design	PNP/NPN
Output function	normally open
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

IG5818



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Switching frequency DC	[Hz]	100
Short-circuit protection		no
Overload protection		no
Detection zone		
Sensing range	[mm]	8
Increased sensing range		yes
Accuracy / deviations		
Correction factor		steel: 1 / stainless steel: 0.7 / aluminium: 0.4
Hysteresis	[X01]	3...15
Switch point drift	[X01]	-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		
Weight	[g]	101
Housing		threaded type
Mounting		flush mountable
Dimensions	[mm]	M18 x 1
Thread designation		M18 x 1
Materials		brass nickel-plated; PC
Displays / operating elements		
Display	switching status	1 x LED, red
	switching status	1 x LED, green
Аксессуары		
Items supplied		lock nuts: 2
Remarks		
Pack quantity		1 pcs.

IG5818



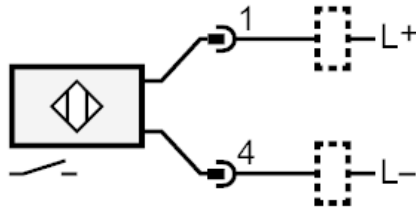
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Electrical connection

Cable: 0.3 m, PUR; 2 x 0.5 mm²

Connection



Connector: 1 x M12