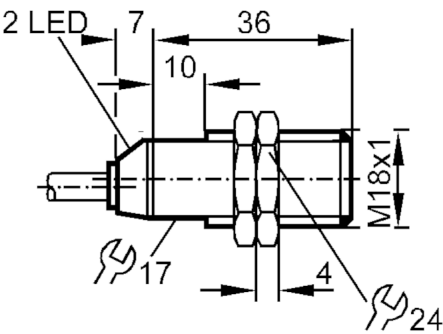




Inductive sensor

IGB2008BAROG/UP/Sonderstecker

Status Archive

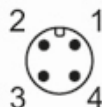


Electrical data		
Operating voltage	[V]	10...36 DC
Reverse polarity protection		no
Outputs		
Electrical design		PNP/NPN
Output function		normally open
Max. voltage drop switching output DC	[V]	5
Minimum load current	[mA]	5
Max. leakage current	[mA]	1
Permanent current rating of switching output DC	[mA]	100
Switching frequency DC	[Hz]	100
Short-circuit protection		no
Overload protection		no
Detection zone		
Sensing range	[mm]	8
Real sensing range Sr	[mm]	8 ± 10 %
Operating distance	[mm]	0...6.5
Increased sensing range		yes



Inductive sensor

IGB2008BAROG/UP/Sonderstecker

Accuracy / deviations		
Correction factor	steel: 1 / stainless steel: 0.7 / brass: 0.4 / aluminium: 0.4 / copper: 0.3	
Hysteresis	[% of Sr]	3...15
Switch point drift	[% of Sr]	-10...10
Operating conditions		
Ambient temperature	[°C]	-25...70
Protection	IP 67	
Tests / approvals		
EMC	EN 60947-5-2	class B
	EN 55011	
Mechanical data		
Weight	[g]	100
Housing	threaded type	
Mounting	flush mountable	
Dimensions	[mm]	M18 x 1
Thread designation	M18 x 1	
Materials	brass white bronze coated; CO-PC	
Displays / operating elements		
Display	switching status	1 x LED, red
	switching status	1 x LED, green
Optical setting aid	yes	
Electrical connection		
Connection	plug	
Accessories		
Accessories (supplied)	lock nuts: 2	
Remarks		
Pack quantity	1 pcs.	
Electrical connection - plug		
Cable: 0.5 m, PVC		
Connector: 1 x M12		
		

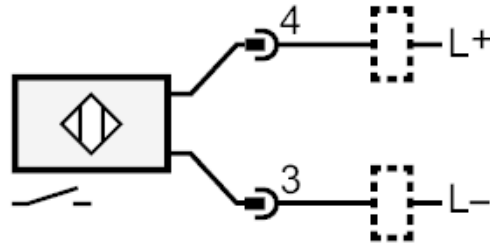
IG5827



Inductive sensor

IGB2008BAROG/UP/Sonderstecker

Connection



Status Archive