



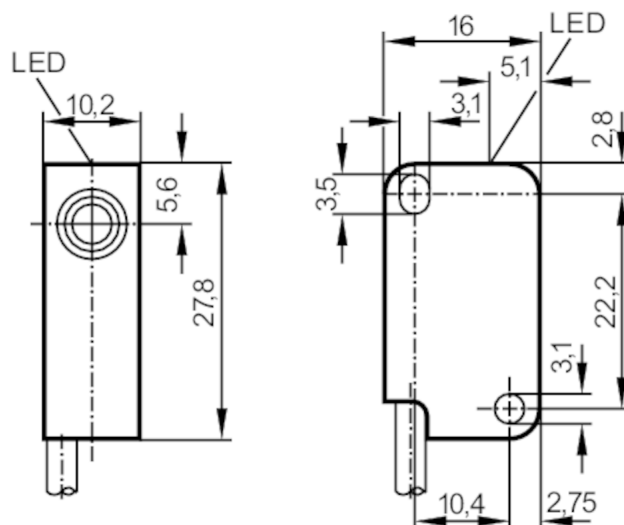
Inductive sensor

IS-3003-BPOG/6M

Article no longer available - archive entry

Alternative articles: IS5071

When selecting an alternative article and accessories please note that technical data may differ!



Product characteristics

Electrical design	PNP
Output function	normally open
Sensing range [mm]	3
Housing	rectangular
Dimensions [mm]	28 x 10 x 16

Electrical data

Operating voltage [V]	10...36 DC
Current consumption [mA]	15; (24 V)
Reverse polarity protection	no

Outputs

Electrical design	PNP
Output function	normally open
Max. voltage drop switching output DC [V]	1
Permanent current rating of switching output DC [mA]	200
Switching frequency DC [Hz]	100
Short-circuit protection	no
Overload protection	no

Monitoring range

Sensing range [mm]	3
Real sensing range Sr [mm]	3 ± 10 %

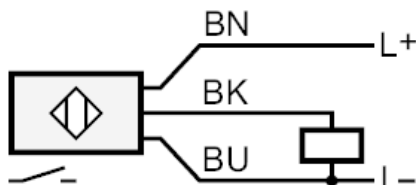
IS5042



Inductive sensor

IS-3003-BPOG/6M

Operating distance	[mm]	0...2.4
Accuracy / deviations		
Hysteresis	[% of Sr]	3...15
Switch-point drift	[% of Sr]	-10...20
Operating conditions		
Ambient temperature	[°C]	0...50
Protection		IP 67
Tests / approvals		
EMC	EN 60947-5-2	
Mechanical data		
Housing		rectangular
Mounting		non-flush mountable
Dimensions	[mm]	28 x 10 x 16
Material		PBT
Displays / operating elements		
Display	Switching status	1 x LED, yellow
Remarks		
Remarks	cULus - Class 2 source required	
	max. tightening torque 0.5 Nm with washer	
Pack quantity		1 pcs.
Electrical connection		
Cable: 6 m, PVC; 3 x 0.14 mm²		
Connection		



	Core colors :
BK =	black
BN =	brown
BU =	blue