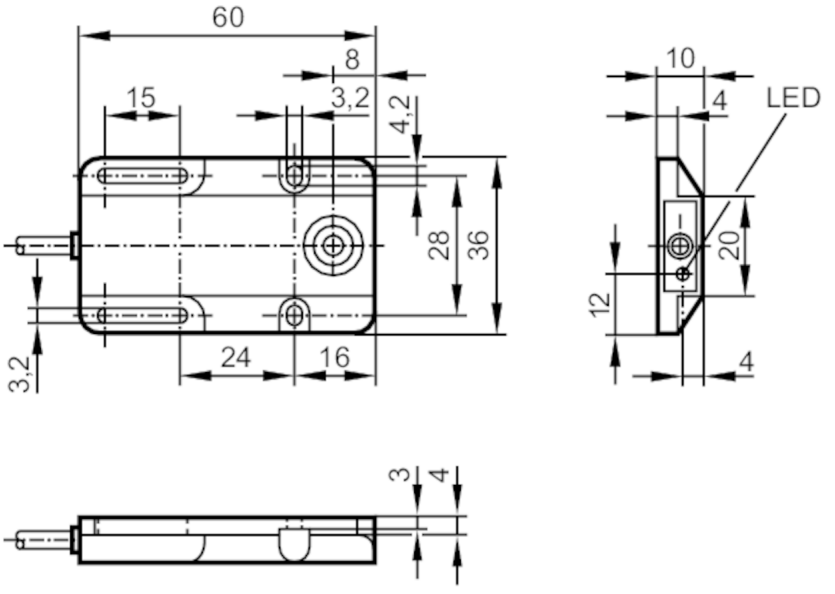
IW5011

Inductive sensor

IW-3005-APOG/ 6m

Article no longer available - archive entry



CE

Product characteristics		
Electrical design		PNP
Output function		normally closed
Sensing range	[mm]	5
Housing		rectangular
Dimensions	[mm]	60 x 36 x 10
Electrical data		
Operating voltage	[V]	10...36 DC
Current consumption	[mA]	15; (24 V)
Protection class		II
Reverse polarity protection		no
Outputs		
Electrical design		PNP
Output function		normally closed
Max. voltage drop switching output DC	[V]	1
Permanent current rating of switching output DC	[mA]	250
Switching frequency DC	[Hz]	200
Short-circuit protection		no
Overload protection		no
Monitoring range		
Sensing range	[mm]	5

IW5011

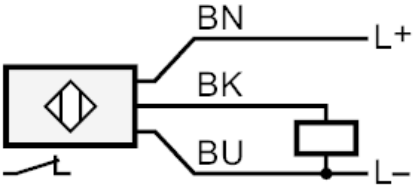
Inductive sensor

IW-3005-APOG/ 6m

Real sensing range Sr	[mm]	5 ± 10 %
Operating distance	[mm]	0...4.05
Accuracy / deviations		
Correction factor		steel: 1 / stainless steel: 0.7 / brass: 0.4 / aluminum: 0.3 / copper: 0.2
Hysteresis	[% of Sr]	1...15
Switch-point drift	[% of Sr]	-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		rectangular
Mounting		flush mountable
Dimensions	[mm]	60 x 36 x 10
Material		PBT
Displays / operating elements		
Display		Switching status — 1 x LED, yellow
Remarks		
Pack quantity		1 pcs.
Electrical connection		

Cable: 6 m, PVC; 3 x 0.14 mm²

Connection



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