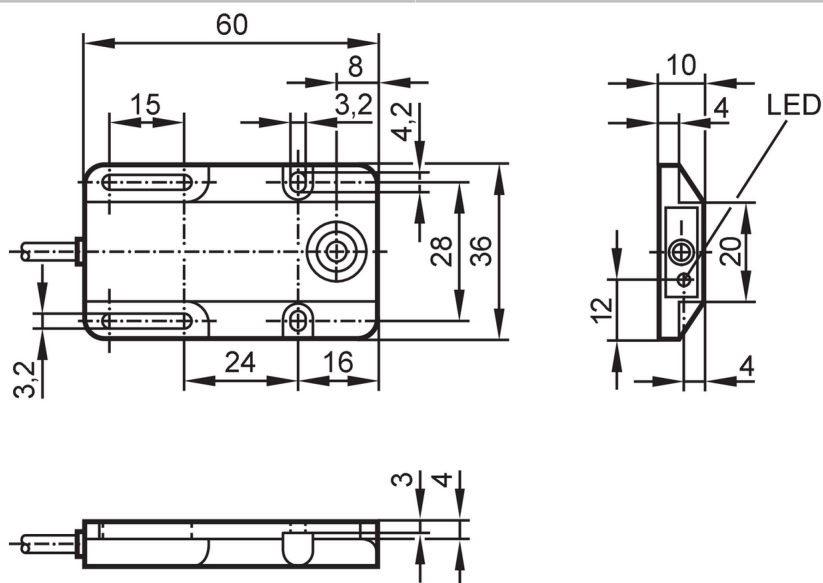


IW5054



Inductive sensor

IW-3008-APKG/6M



Product characteristics

Electrical design		PNP
Output function		normally closed
Sensing range	[mm]	8
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		yes

Outputs

Electrical design		PNP
Output function		normally closed
Max. voltage drop switching output DC	[V]	2.5
Permanent current rating of switching output DC	[mA]	250
Switching frequency DC	[Hz]	300
Short-circuit protection		yes
Type of short-circuit protection		yes (non-latching)
Overload protection		yes

Monitoring range

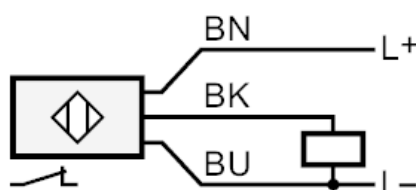
Sensing range	[mm]	8
Real sensing range Sr	[mm]	8 ± 10 %
Operating distance	[mm]	0...6.5



Inductive sensor

IW-3008-APKG/6M

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	
MTTF		[years]	1893
Mechanical data			
Weight		[g]	142
Housing		rectangular	
Mounting		non-flush mountable	
Dimensions		[mm]	60 x 36 x 10
Material		housing: 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