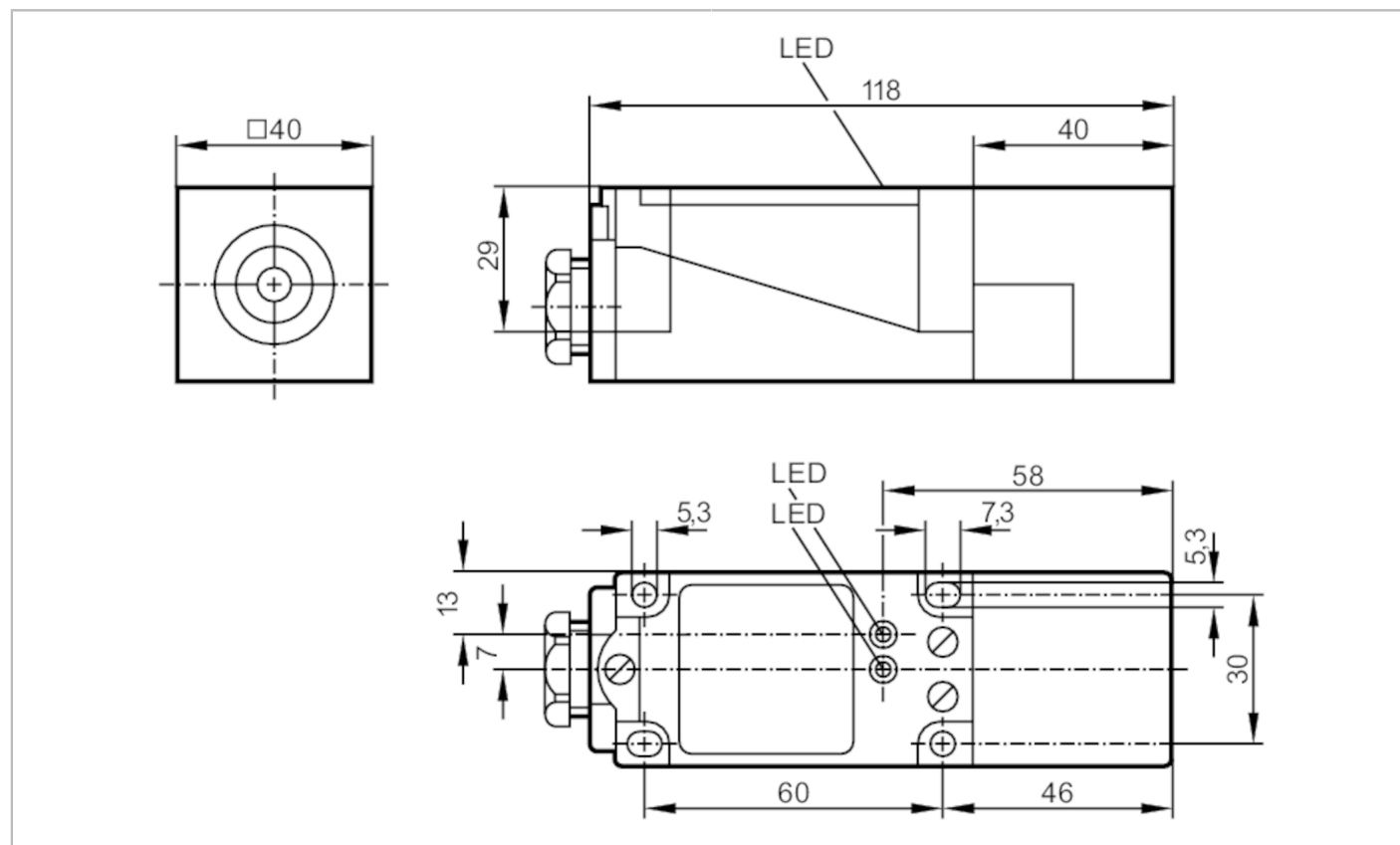


IV5053



Inductive sensor

IVE4020ZCPKG



Electrical data

Operating voltage	[V]	10...30 DC
Current consumption	[mA]	20; (24 V)
Protection class		II
Reverse polarity protection		yes

Outputs

Electrical design		PNP
Output function		complementary
Max. voltage drop switching output DC	[V]	3
Permanent current rating of switching output DC	[mA]	200
Switching frequency DC	[Hz]	150
Short-circuit protection		yes
Type of short-circuit protection		pulsed
Overload protection		yes

Detection zone

Sensing range	[mm]	20
Real sensing range Sr	[mm]	20 ± 10 %
Operating distance	[mm]	0...16.2



Inductive sensor

IVE4020ZCPKG

Accuracy / deviations				
Correction factor		steel: 1 / stainless steel: 0.7 / brass: 0.4 / aluminium: 0.3 / copper: 0.2		
Hysteresis	[% of Sr]	1...15		
Switch point drift	[% of Sr]	-10...10		
Operating conditions				
Ambient temperature		[°C]	-25...100	
Protection		IP 67		
Tests / approvals				
EMC		EN 60947-5-2		
		EN 55011		class B
Mechanical data				
Weight		[g]	265	
Housing		rectangular		
Mounting		non-flush mountable		
Dimensions		[mm]	40 x 40 x 118	
Materials		PBT		
Displays / operating elements				
Display		switching status		1 x LED, yellow
		operation		1 x LED, green
Remarks				
Remarks		5 positions of the active zone possible		
		Cable gland (E11270) to be ordered separately		
Pack quantity		1 pcs.		
Electrical connection				
terminals: ...2.5 mm²; Cable sheath: Ø 7...13 mm; Cable gland: M20 X 1.5				
Connection				

