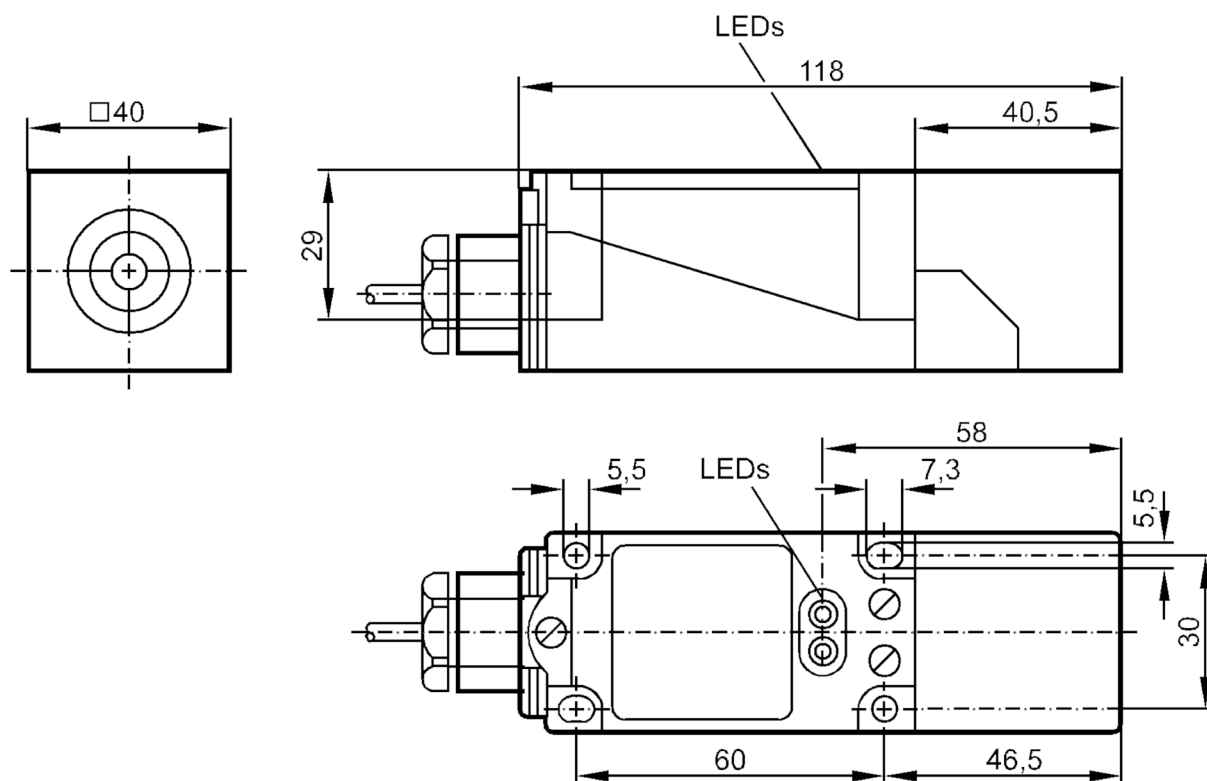


Inductive sensor

IVE4020BCPKG/10M

Article no longer available - archive entry



Product characteristics

Electrical design	PNP
Output function	complementary
Sensing range [mm]	20
Housing	rectangular
Dimensions [mm]	40 x 40 x 128

Electrical data

Operating voltage [V]	10...60 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

IV5051



Inductive sensor

IVE4020BCPKG/10M

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
Accuracy / deviations		
Correction factor	steel: 1 / stainless steel: 0.7 / brass: 0.4 / aluminium: 0.3 / copper: 0.2	
Hysteresis	[X01]	1...15
Switch point drift	[X01]	-10...10
Operating conditions		
Ambient temperature	[°C]	-25...70
Protection	IP 67	
Tests / approvals		
EMC	EN 60947-5-2	
	EN 55011	class B
Mechanical data		
Housing	rectangular	
Mounting	flush mountable	
Dimensions	[mm]	40 x 40 x 128
Materials	PBT; Sealing: FKM	
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.	

IV5051



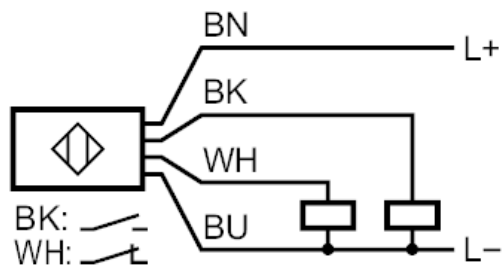
Inductive sensor

IVE4020BCPKG/10M

Electrical connection

Cable: 10 m, oil-resistant flexible cable; 4 x 0.5 mm²

Connection



BK =	Core colours :
BN =	black
BU =	brown
WH =	blue
	white