

IV5054



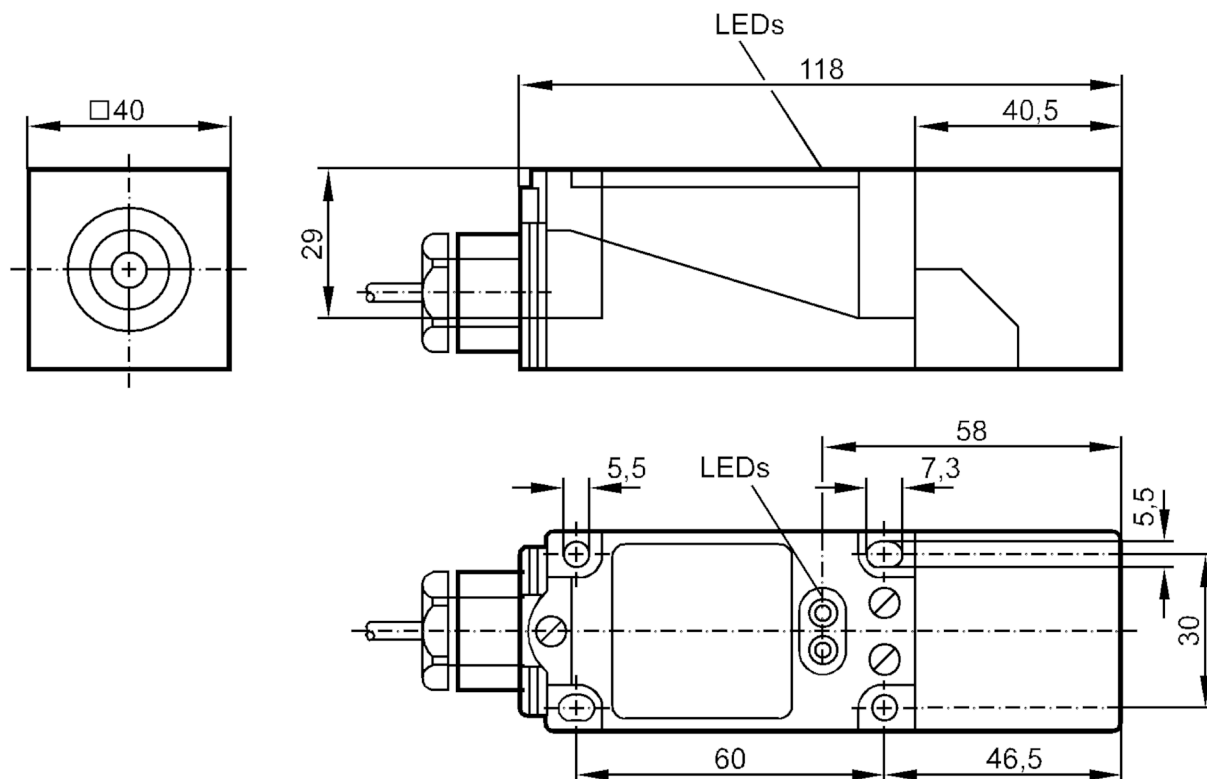
Inductive sensor

IVE4020BCPKG/20M

Article no longer available - archive entry

Alternative articles: IV5055

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



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

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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
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.

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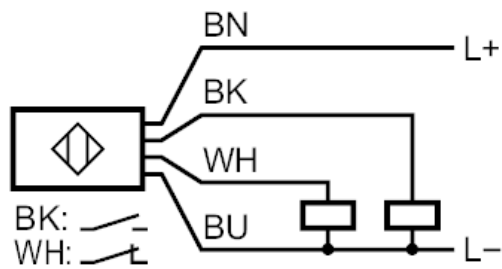
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Electrical connection

Cable: 20 m, oil-resistant flexible cable; 4 x 0.5 mm²

Connection



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