

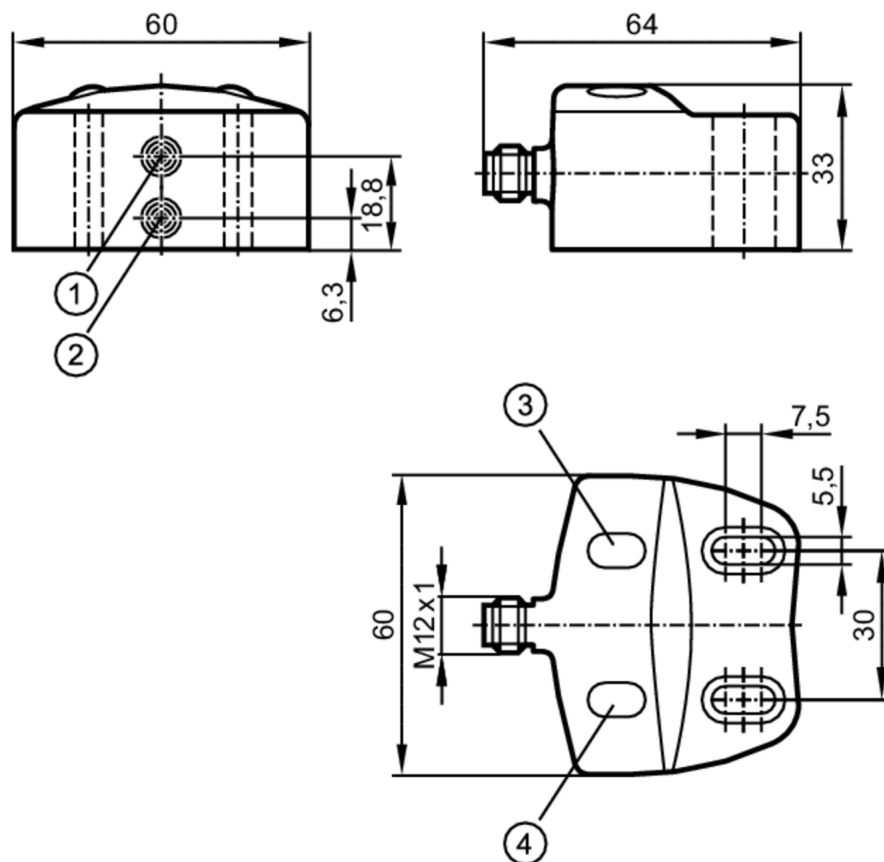
IN5411

Inductive sensor

INV2004DARKG/US



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- 1 sensor 1
- 2 sensor 2
- 3 LED OUT 1
- 4 LED OUT21



Product characteristics

Electrical design	PNP/NPN
Output function	2 x normally open
Sensing range [mm]	4
Housing	rectangular
Dimensions [mm]	33 x 60 x 64

Electrical data

Operating voltage [V]	10...30 DC; (; to PELV)
Protection class	III
Reverse polarity protection	yes

Outputs

Electrical design	PNP/NPN
Output function	2 x normally open
Max. voltage drop switching output DC [V]	4.6

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Minimum load current	[mA]	4
Max. leakage current	[mA]	0.8
Permanent current rating of switching output DC	[mA]	100
Switching frequency DC	[Hz]	500
Short-circuit protection		yes
Type of short-circuit protection		pulsed
Overload protection		yes

Detection zone		
Sensing range	[mm]	4
Real sensing range Sr	[mm]	4 ± 10 %
Operating distance	[mm]	0...3.25

Accuracy / deviations		
Correction factor		steel: 1 / stainless steel: 0.7 / brass: 0.5 / aluminium: 0.4 / copper: 0.3
Hysteresis	[X01]	1...15
Switch point drift	[X01]	-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		non-flush mountable
Dimensions	[mm]	33 x 60 x 64
Materials		housing: PA; гвинти: stainless steel; washer: stainless steel

Displays / operating elements		
Display	switching status	2 x LED, yellow

Аксессуары		
Items supplied		washers: 2
		cylinder screws: 2 x M5 x 18

Remarks		
Pack quantity		1 pcs.

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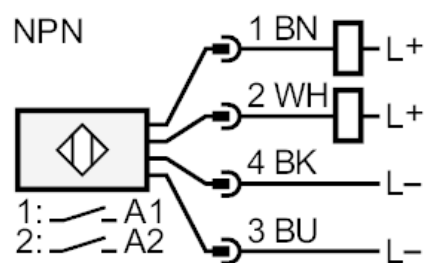
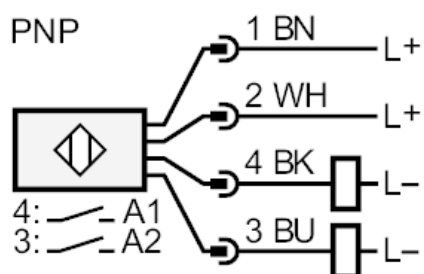


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Electrical connection - plug

Connector: 1 x M12; coding: A



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