

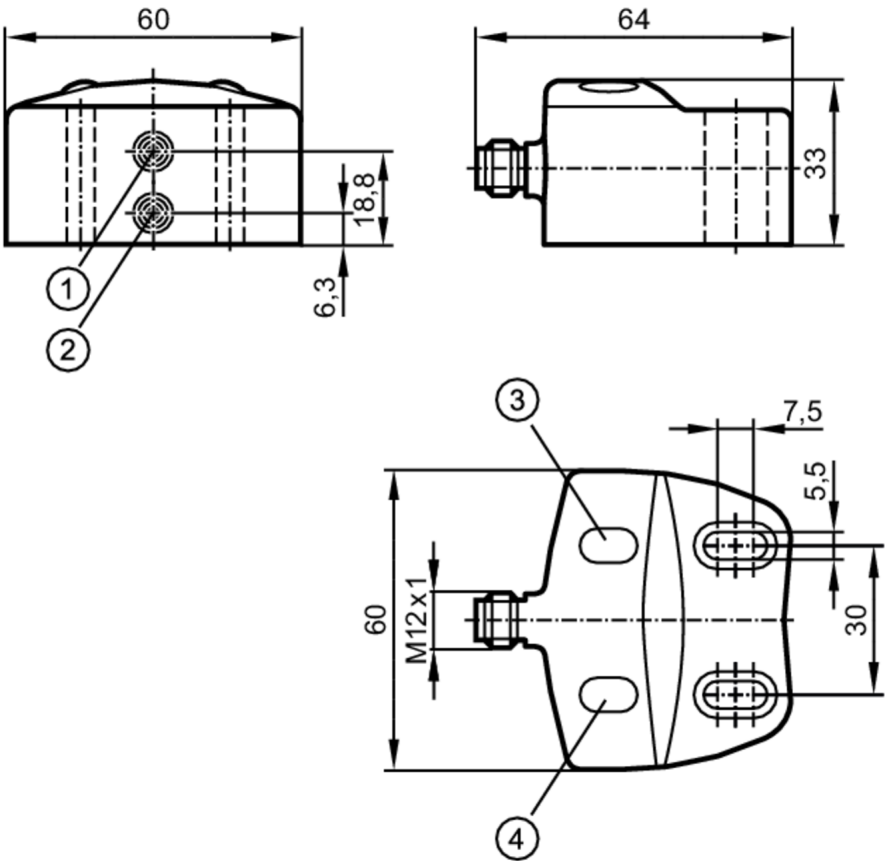
IN5411



Inductive sensor

INV2004DARKG/US

Article no longer available - archive entry



- 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

IN5411



Inductive sensor

INV2004DARKG/US

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		yes (non-latching)
Overload protection		yes

Monitoring range		
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 / aluminum: 0.4 / copper: 0.3
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	
	EN 55011	class B

Mechanical data		
Housing		rectangular
Mounting		non-flush mountable
Dimensions	[mm]	33 x 60 x 64
Material		housing: PA; screws: stainless steel; washer: stainless steel

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

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

Remarks		
Pack quantity		1 pcs.

IN5411

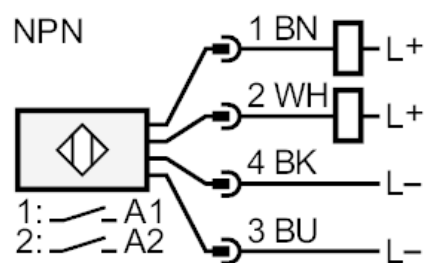
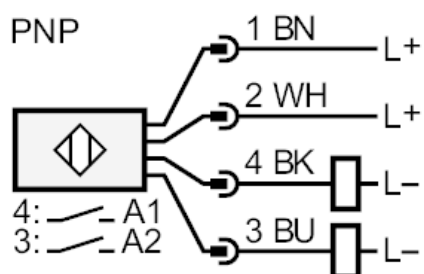


Inductive sensor

INV2004DARKG/US

Electrical connection - plug

Connector: 1 x M12; coding: A



BK =
BN =
BU =
WH =

Core colors :
black
brown
blue
white