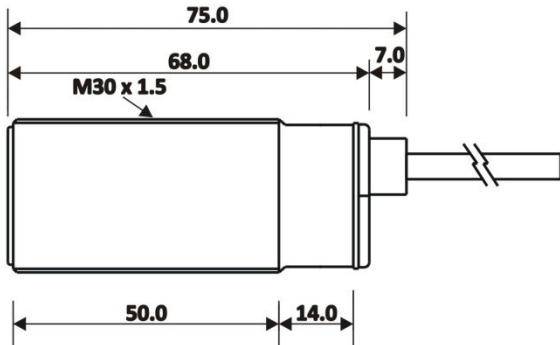
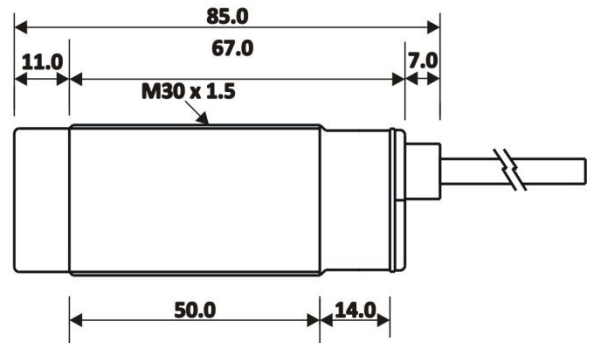


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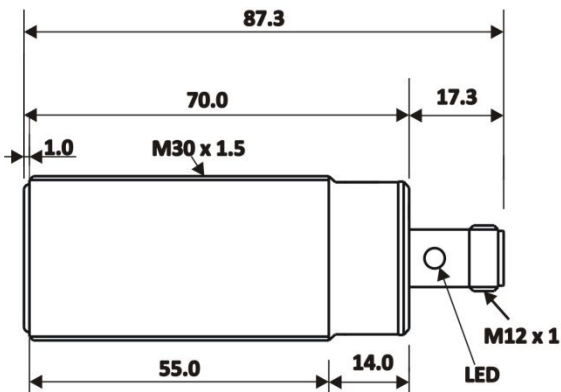
M30x1.5 Flush - Cable Type



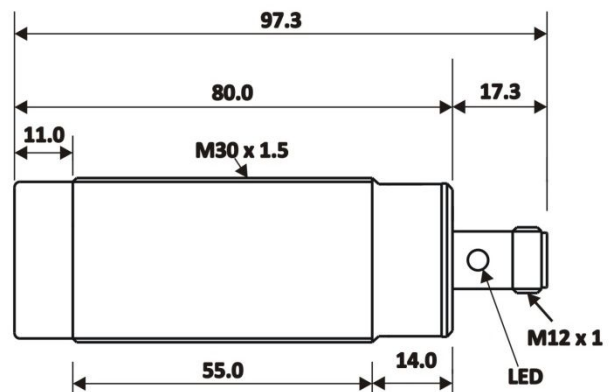
M30x1.5 Non Flush - Cable Type



M30x1.5 Flush - Connector Type



M30x1.5 Non Flush - Connector Type



All dimensions are in mm.



Specifications are subject to change without notice.

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Table-1

M30x1.5 DC 3 WIRE

O/P Type	O/P Logic	Mounting	Sensing Distance(Sn)	Termination Type	Katlax Article No.
PNP	NO	FLUSH	10 mm	CABLE	IBF10-30B6-POW02
PNP	NO	NON FLUSH	15 mm	CABLE	IBN15-30B6-POW02
PNP	NC	FLUSH	10 mm	CABLE	IBF10-30B6-PCW02
PNP	NC	NON FLUSH	15 mm	CABLE	IBN15-30B6-PCW02
NPN	NO	FLUSH	10 mm	CABLE	IBF10-30B6-NOW02
NPN	NO	NON FLUSH	15 mm	CABLE	IBN15-30B6-NOW02
NPN	NC	FLUSH	10 mm	CABLE	IBF10-30B6-NCW02
NPN	NC	NON FLUSH	15 mm	CABLE	IBN15-30B6-NCW02
PNP	NO	FLUSH	10 mm	CONNECTOR	IBF10-30B8-POC12
PNP	NO	NON FLUSH	15 mm	CONNECTOR	IBN15-30B8-POC12
PNP	NC	FLUSH	10 mm	CONNECTOR	IBF10-30B8-PCC12
PNP	NC	NON FLUSH	15 mm	CONNECTOR	IBN15-30B8-PCC12
NPN	NO	FLUSH	10 mm	CONNECTOR	IBF10-30B8-NOC12
NPN	NO	NON FLUSH	15 mm	CONNECTOR	IBN15-30B8-NOC12
NPN	NC	FLUSH	10 mm	CONNECTOR	IBF10-30B8-NCC12
NPN	NC	NON FLUSH	15 mm	CONNECTOR	IBN15-30B8-NCC12



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Table-2

TECHNICAL SPECIFICATIONS

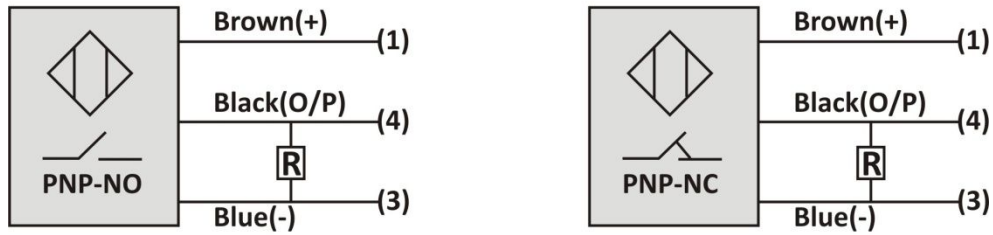
Operating Voltage	10-30 VDC	
Sensing Distance (Sn)	10.0 mm - Flush	
	15.0 mm - Non flush	
Hysteresis	3-15% of Sn	
Standard target	(30x30x1)mm Fe/St-37	
Correction factor	Mild Steel	1.00
	Stainless steel	0.80
	Brass	0.50
	Aluminum	0.45
	Copper	0.40
Ripple	< 15%	
Voltage Drop	< 1.5V DC	
No Load Current	< 15 mA	
Max. Load Current	200 mA	
Switching Frequency	500 Hz - Flush	
	300 Hz - Non Flush	
Reverse Polarity Protection	YES	
Short Circuit Protection	YES (Latch Type)	
Housing Material	Brass(Ni Plated)	
Sensing Face Material	P.B.T.	
Termination	Cable (3 x 0.34 sqmm.) , 2 mtr	
	M12 Male Connector	
Temperature Range	-25°C....75°C	
Environmental Protection	IP67	



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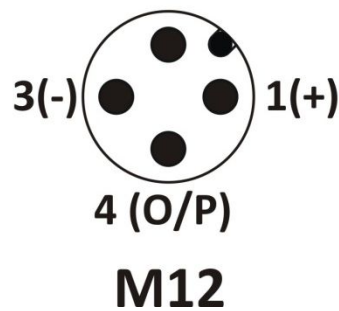
PNP Cable type



NPN Cable type



Connector type



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