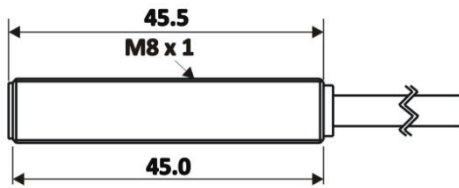
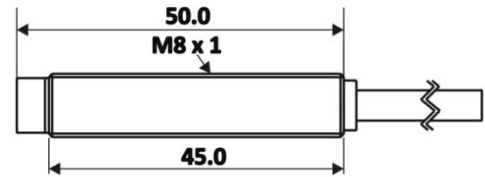


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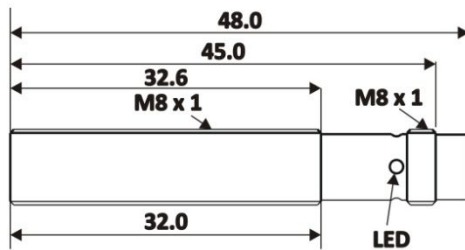
M8x1 Flush - Cable Type



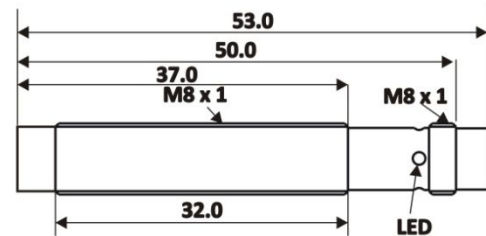
M8x1 Non Flush - Cable Type



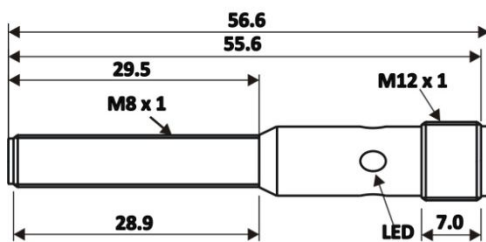
M8x1 Flush - Connector Type(M8)



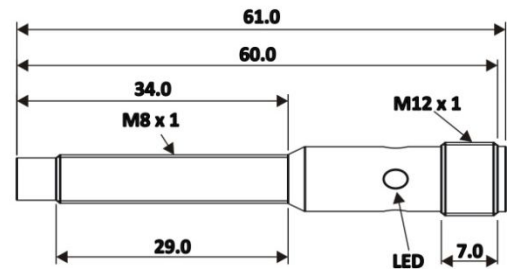
M8x1 Non Flush - Connector Type(M8)



M8x1 Flush - Connector Type(M12)



M8x1 Non Flush - Connector Type(M12)



All dimensions are in mm.



Specifications are subject to change without notice.

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Table-1

M8x1 DC 3 WIRE

O/P Type	O/P Logic	Mounting	Sensing Distance (Sn)	Termination Type	Katlax Article No.
PNP	NO	FLUSH	1.5 mm	CABLE	IBF1.5-08B4-POW02
PNP	NO	NON FLUSH	2 mm	CABLE	IBN02-08B4-POW02
PNP	NC	FLUSH	1.5 mm	CABLE	IBF1.5-08B4-PCW02
PNP	NC	NON FLUSH	2 mm	CABLE	IBN02-08B4-PCW02
NPN	NO	FLUSH	1.5 mm	CABLE	IBF1.5-08B4-NOW02
NPN	NO	NON FLUSH	2 mm	CABLE	IBN02-08B4-NOW02
NPN	NC	FLUSH	1.5 mm	CABLE	IBF1.5-08B4-NCW02
NPN	NC	NON FLUSH	2 mm	CABLE	IBN02-08B4-NCW02
PNP	NO	FLUSH	1.5 mm	CONNECTOR	IBF1.5-08B5-POC12
PNP	NO	NON FLUSH	2 mm	CONNECTOR	IBN02-08B5-POC12
PNP	NC	FLUSH	1.5 mm	CONNECTOR	IBF1.5-08B5-PCC12
PNP	NC	NON FLUSH	2 mm	CONNECTOR	IBN02-08B5-PCC12
NPN	NO	FLUSH	1.5 mm	CONNECTOR	IBF1.5-08B5-NOC12
NPN	NO	NON FLUSH	2 mm	CONNECTOR	IBN02-08B5-NOC12
NPN	NC	FLUSH	1.5 mm	CONNECTOR	IBF1.5-08B5-NCC12
NPN	NC	NON FLUSH	2 mm	CONNECTOR	IBN02-08B5-NCC12
PNP	NO	FLUSH	1.5 mm	CONNECTOR	IBF1.5-08B4-POC08
PNP	NO	NON FLUSH	2 mm	CONNECTOR	IBN02-08B4-POC08
PNP	NC	FLUSH	1.5 mm	CONNECTOR	IBF1.5-08B4-PCC08
PNP	NC	NON FLUSH	2 mm	CONNECTOR	IBN02-08B4-PCC08
NPN	NO	FLUSH	1.5 mm	CONNECTOR	IBF1.5-08B4-NOC08
NPN	NO	NON FLUSH	2 mm	CONNECTOR	IBN02-08B4-NOC08
NPN	NC	FLUSH	1.5 mm	CONNECTOR	IBF1.5-08B4-NCC08
NPN	NC	NON FLUSH	2 mm	CONNECTOR	IBN02-08B4-NCC08



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Table-2

TECHNICAL SPECIFICATIONS

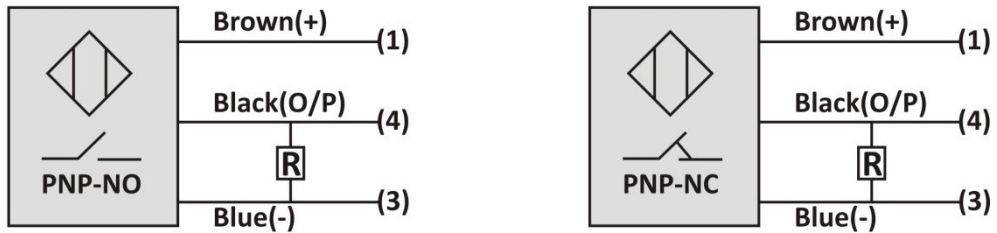
Operating Voltage	10-30 VDC
Sensing Distance (Sn)	1.5 mm - Flush
	2.0 mm - Non flush
Hysteresis	3-15% of Sn
Standard target	(8x8x1)mm Fe/St-37
Correction factor	Mild Steel 1.00
	Stainless steel 0.80
	Brass 0.50
	Aluminum 0.45
	Copper 0.40
Ripple	< 15%
Voltage Drop	< 1.5V DC
No Load Current	< 15 mA
Max. Load Current	200 mA
Switching Frequency	2.0 kHz - Flush
	1.5 kHz - 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 0.25 sqmm.) , 2 mtr
	M8 Male Connector
	M12 Male Connector
Temperature Range	-25°C....75°C
Environmental Protection	IP67



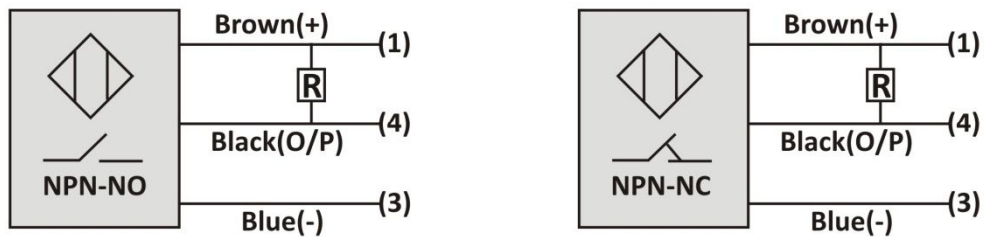
Specifications are subject to change without notice.

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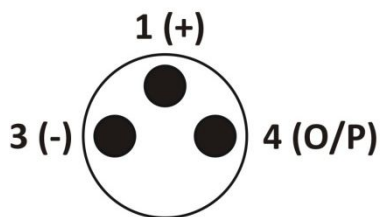
PNP Cable type



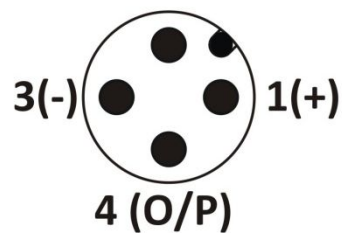
NPN Cable type



Connector type



M8



M12



Specifications are subject to change without notice.