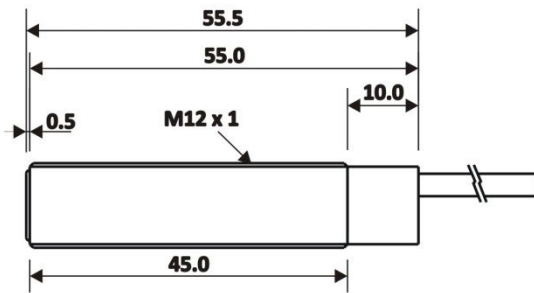
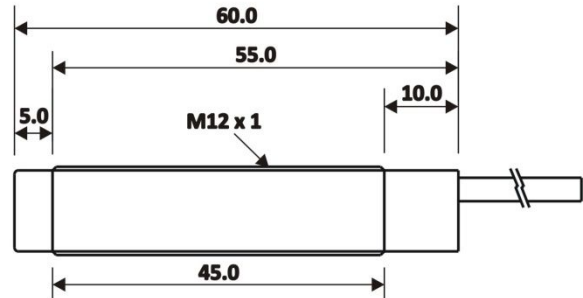


Item No.	TSP0000057D	Date	01.01.2017
		Revision	00
Description	M12, Inductive , DC 2-Wire with Cable termination	Page	1 of 3

**M12x1 Flush - Cable Type**



**M12x1 Non Flush - Cable Type**



All dimensions are in mm.

**Table-1**

**M12x1 DC 2 WIRE**

O/P Logic	Mounting	Sensing Distance(Sn)	Termination Type	Katlax Article No.
NO	FLUSH	2 mm	CABLE	IBF02-12B5-TOW02
NO	NON FLUSH	4 mm	CABLE	IBN04-12B5-TOW02
NC	FLUSH	2 mm	CABLE	IBF02-12B5-TCW02
NC	NON FLUSH	4 mm	CABLE	IBN04-12B5-TCW02



Specifications are subject to change without notice.

Item No.	TSP0000057D	Date	01.01.2017
		Revision	00
Description	M12, Inductive , DC 2-Wire with Cable termination	Page	2 of 3

**Table-2**

**TECHNICAL SPECIFICATIONS**

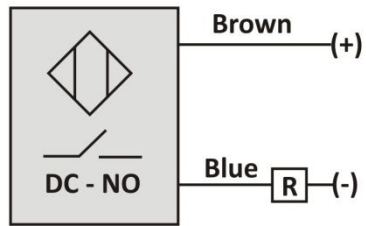
<b>Operating Voltage</b>	10-30 VDC	
<b>Sensing Distance (Sn)</b>	2.0 mm - Flush	
	4.0 mm - Non flush	
<b>Hysteresis</b>	3-15% of Sn	
<b>Standard target</b>	(12x12x1)mm Fe/St-37	
<b>Correction factor</b>	Mild Steel	1.00
	Stainless steel	0.80
	Brass	0.50
	Aluminum	0.45
	Copper	0.40
<b>Ripple</b>	< 15%	
<b>Voltage Drop</b>	< 8V DC	
<b>No Load Current</b>	< 15 mA	
<b>Max. Load Current</b>	200 mA	
<b>Switching Frequency</b>	800 Hz - Flush	
	500 Hz - Non Flush	
<b>Reverse Polarity Protection</b>	YES	
<b>Short Circuit Protection</b>	NO	
<b>Housing Material</b>	Brass(Ni Plated)	
<b>Sensing Face Material</b>	P.B.T.	
<b>Termination</b>	Cable (2 x 0.25 sqmm.) , 2 mtr	
<b>Temperature Range</b>	-25°C....75°C	
<b>Environmental Protection</b>	IP67	



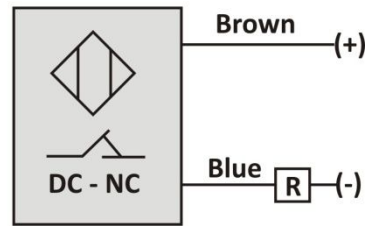
Specifications are subject to change without notice.

Item No.	TSP0000057D	Date	01.01.2017
		Revision	00
Description	M12, Inductive , DC 2-Wire with Cable termination	Page	3 of 3

### DC - NO



### DC - NC



Specifications are subject to change without notice.