

INDUCTIVE PROXIMITY SENSORS

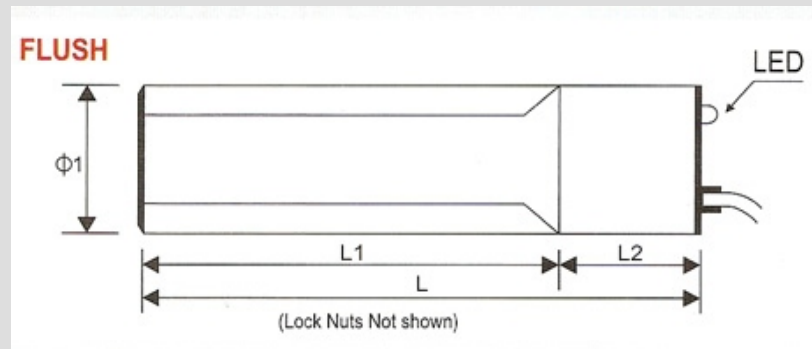
DC TYPE (2 WIRE VERSION)



These Sensors are designed to work as solid state DC limit switches. The Sensors are connected directly in series with a load and have a bridge rectifier so they are not polarity conscious. The circuit is such that, when in off state, it allows very low current to flow through the load. However, a output load (such as relay) should be chosen, considering the voltage drop across the switch in the ON state. These sensors find wide application in electric control circuits and PLC's.

SPECIFICATIONS:

Supply voltage	: 10-60 V DC
Voltage drop across the switch	: Less than 6.8 V
Maximum load current	: 100 mA
OFF state current	: Less than 1mA
Operating temperature	: -25° C to +70° C
Hysteresis	: 15% max
Switching frequency	: 5Hz typical
Output logic	: NO or NC
Environmental protection	: IP 67
Status indication	: Through LED



FLUSH					NON FLUSH							
Ø1	L1	L2	L	Sn	Ø1	Ø2	L1	L2	L3	L	Sn	
18	55	20	75	5	18	16	45	20	10	75	8	
25	50	20	70	8	25	23	50	20	10	80	10	
30	50	20	70	10	30	28	35	20	15	70	15	
36	60	20	80	15	36	33	35	20	25	80	20	
50	40	20	60	20	50	46	40	20	20	80	25	



PROXIMON
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