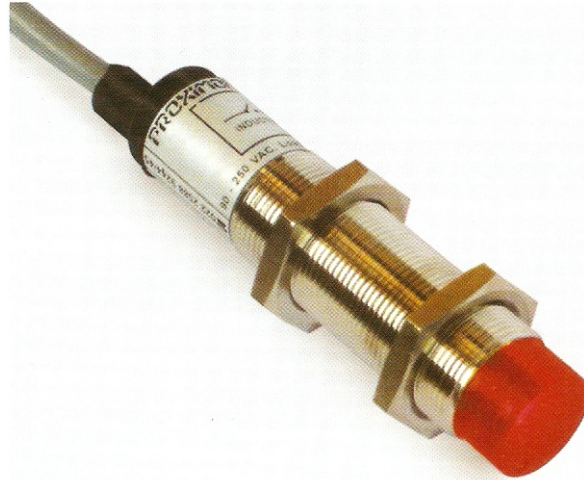


# INDUCTIVE PROXIMITY SENSORS

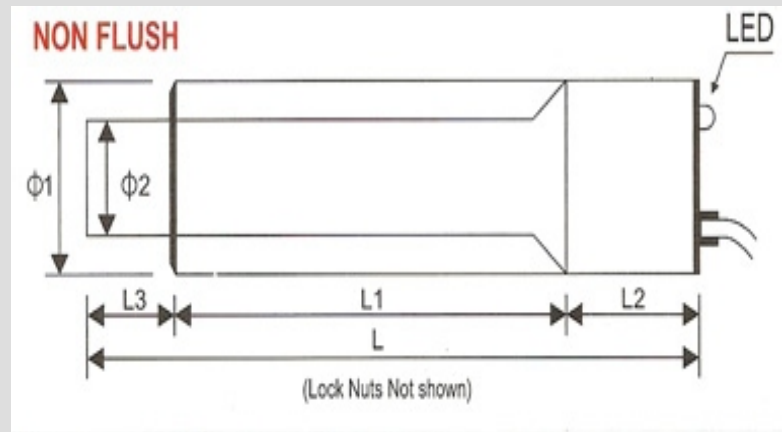
## AC TYPE (2 WIRE VERSION)



These Sensors are designed to provide better alternative to conventional limit Switches / micro switches. These are epoxy potted similar to other types of sensors to render IP67 protection and hence are suitable even in underwater applications. The load (AC Contactor / AC Relay / Solenoid Coil) is to be connected in series with the switch.

### SPECIFICATIONS:

Supply voltage	: 90-250 V AC or 20-250 V AC
Supply frequency	: 45 - 65 Hz
Load current	: 300 mA / 500 mA*
Leakage current	: 2.3 mA typical
Voltage drop across the switch	: 6.8 V eff
Maximum inrush current	: 6A; t < 10ms; f < 5
Minimum load current	: 5 mA
Operating temperature	: -25° C to +70° C
Hysteresis	: 10% typical
Switching frequency	: 5Hz typical
Repeatability	: 1% typical
Temperature drift	: 5% typical
Switch - ON effect suppression	: Provided
Output logic	: NO or NC or NO+NC*
Status indication	: Through LED



\* In sizes M30 & above.

FLUSH					NON FLUSH							
Ø1	L1	L2	L	Sn	Ø1	Ø2	L1	L2	L3	L	Sn	
12	55	20	75	2	12	10	55	20	5	80	4	
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**  
We Command and Control



### PROXIMON CONTROLS PVT. LTD.

202, Krishna, Laxmi Industrial Complex,  
Pokharan Road No. 1, Vartak Nagar, Thane-400 606, INDIA  
Tel.: 91-22-2588 9244 / 45, 2585 4287  
Fax: 91-22-2588 9246  
e-mail: info@proximon.com Website: www.proximon.com