

## INDUCTIVE SENSOR ( ANALOG OUTPUT )

Inductive sensor with analog output works in similar way as standard 3 wire DC Inductive Sensors. When a metal target comes in vicinity of the sensor , energy is drawn from the oscillator. This energy loss is in proportional with the distance between sensor and the target ; which is converted in analog signal. The analog signal is made linear and then amplified to give 0-10 V output.



### **SPECIFICATIONS :**

Dimension	:	M18 X 1 X 75mm( Sn : 1-5mm )Or M30 X 1.5 X 70mm ( Sn : 3-8mm )
Supply voltage	:	15 - 30 V DC ( Typically 24 V DC)
Ripple on supply	:	10% max
No load current	:	Less than 10 Ma
Maximum load current	:	20 mA
Hysteresis	:	15% max
Operating temperature	:	-25° C to +70° C
Output	:	0 - 10 V DC ( Sourcing Type)
Environmental protection	:	IP67
Temperature drift	:	5% typical
Switch - ON effect suppression	:	Incorporated
Reverse polarity protection	:	Provided
Short circuit protection	:	Provided
Status indication	:	Provided through LED