



Miniature Ring Current Sensors

The **ND Miniature Ring** series of solid-core current sensors are manufactured for use with ND type "V" Meters (*Cube 350V*, *Cube 400V*, *PowerRail 350V*, *MultiCube Modular*, etc). They offer installation where space is critical –ideal for Energy Management Systems.

With a safe low voltage output, there are no worries about open-circuiting CT secondary circuits.

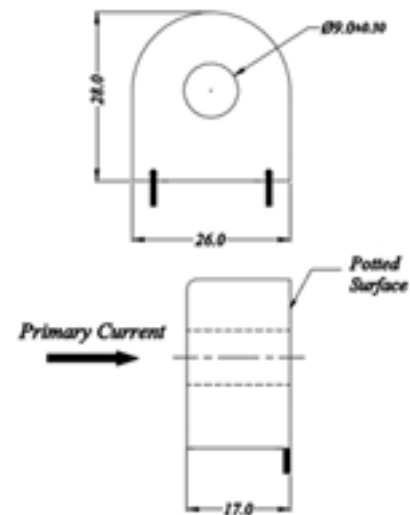


Ring Sensor
20, 40 or 60 Amp

- **Miniature Size**
- **Low Cost**
- **Safe & simple to install**

Brief Specification

Electrical	
Nominal Input Current I_n	
MR1075 - 20	20 Amp
MR1075 - 40	40 Amp
MR1075 - 60	60 Amp
Output at I_n	
MR1075 - 20	333 mV at 20 Amp
MR1075 - 40	333 mV at 40 Amp
MR1075 - 60	333 mV at 60 Amp
Frequency Range	50-60 Hz
Accuracy ($0.1I_n - 1.2I_n$)	$\pm 1\%$



Nominal Dimensions (mm)

Model	A	B	C	D
MR1075	28	26	17	8.9

Mechanical	
Environment	Indoor use only, altitude < 2000m
Operating Temperature	-20°C to +70 °C
Output Connection	1m captive cable