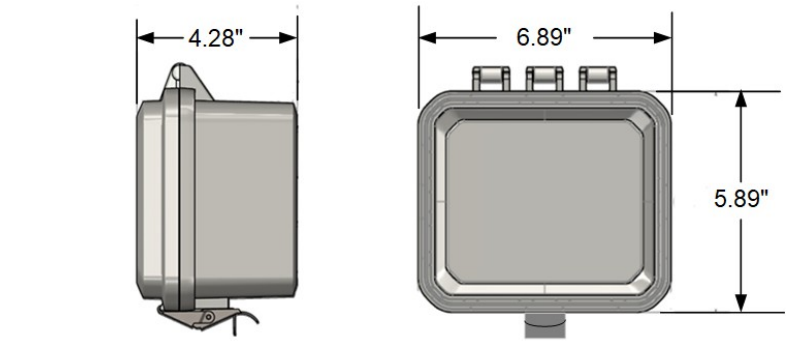
EZ-RGB METER





Description:

The EZ-Meter **R**evenue **G**rade **B**illing meter is designed for applications that require accurate data for billing and Energy Management. Its Modbus protocol allows it to interface easily with building automation and management systems through its Rs-485 or wireless communication options. A pulse output option allows the meter to work with older systems that utilize pulse inputs.

The RGB meter utilizes either solid or split-core CTs with 333 mV or 100 mA outputs (Canada). *The solid core CTs (200A, 100 mV) are Measurement Canada approved for use in revenue type applications.* The solid core CTs are available up to 200 amps and the split-core CTs are available up to 3200 amps.

The serially embedded, large, UV protected, LCD makes the meter easy to read. The EZ Meter Socket Series includes a NEXT TR4-E transceiver, also serially embedded, aptly referred to as **TrueRead** Technology -- eliminating any outdated pulse technology. The wireless module provides enhanced electrical data (Modbus) as well.

Approvals:

* Measurement Canada:	AE-2654
* UL (safety):	E362606
* MET Labs (accuracy):	ANS! C12.1 ANSI C12.20

Wireless Option:

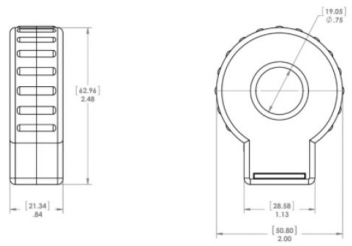
* FCC 2A8EC-TR4 | IC 28950-TR4
* 902-928 MHz wireless, unlicensed band
* Advanced two-way communication
* Redundant software and hardware encryption
* Automatic route discovery and optimization

Specifications:

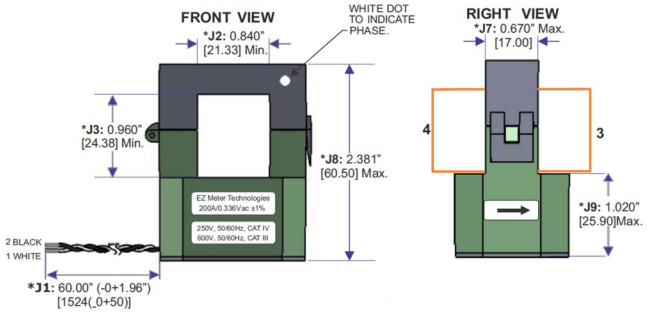
Input Voltage Config.:	3-Wire (Delta), 4-Wire (delta), 3-Wire Single Phase, 2-Wire Single Phase or 4-Wire (WYE)
MAINS Voltage:	Input Up to 480 VAC RMS Available
Input Power:	< 2 VA maximum
CT Rating:	Up to 3200 amps RMS AC available
Power Factor:	0.5 leading or lagging
Line Frequency:	50-60 Hz
Accuracy:	ANSI C12.1 and SM31000-2
Temp. Range:	-20C to +50C
Humidity Range:	0-95% non-condensing
Altitude:	2000 meters maximum
Voltage Overload:	+25% continuously; +100% for 20 cycles
CT Overload:	100% for 1 minute without damaging meter
Pollution Degree:	Degree 2 in accordance with IEC 664
Display:	LCD
Communication:	Pulse output, RS-485, or Wireless
Data Protocol:	Modbus

CTs:

200 amp
Solid core



200 amp
Split-core



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