



## INTEGRA 1222 - ETHERNET

### DIGITAL METERING SYSTEM

#### KEY FEATURES

- 10/100 Mbps
- IEEE 802.3 approved
- User configurable IP addressing web server enabled
- Dual port communications (Ethernet & RS485) DHCP client

TE Connectivity's (TE) Crompton Instruments Integra 1222 is a Digital Metering System (DMS) enabling a cost-effective solution for the measurement and display of all electrical parameters.

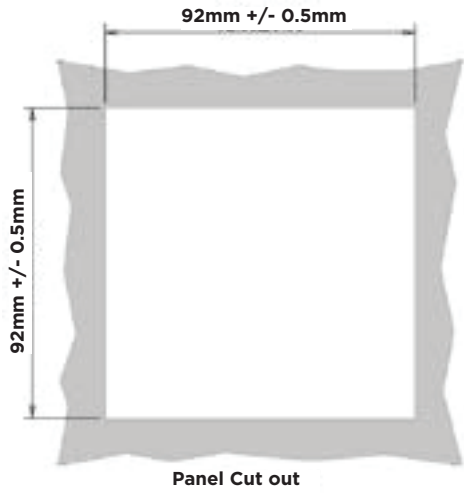
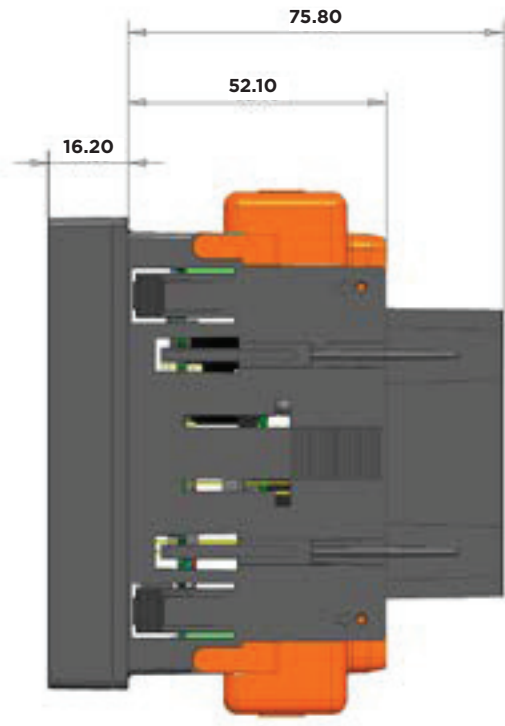
The Integra 1221/1222 Ethernet communication module supports connection to SCADA systems using the MODBUS TCP protocol. The Integra 1221/1222 Meter with Ethernet module acts as a MODBUS slave device and may be queried by a MODBUS master device that conforms to the MODBUS TCP protocol. The Integra 1221/1222 Ethernet module supports 10Base-T Ethernet communication. The connection is normally via an Ethernet switch or hub that supports the IEEE 802.3 standard at 10/100Mbps.

The Integra 1221/1222 Ethernet option supports dynamic IP address assignments from the DHCP server. The Integra 1221/1222 Meter IP address can be changed by the user before installation. The IP address of the Integra 1221/1222 Meter at installation must be appropriate for the network to which it is attached and should be determined by the network administrator. The product will remember the last IP assignment if moved to different networks.

The Ethernet option module acts as a slave device and may be queried by a Modbus® Master device. All messages sent to the device must conform to the Modbus® TCP protocol in Modbus RTU format.

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**INTEGRA 1222 - Ethernet**



**PRODUCT CODES**

Part number	Description
OPT-1222-070	Modbus TCP/IP module for Integra 1222 digital multifunction meter

**SPECIFICATION**

Input	
DHCP	Client (default)
Physical Connections	RJ45
Speed	10/100Mbps
Web Server	Enabled
IP Protection	IP20
Operating Temperature	-20°C to +60°C
Storage Temperature	-30°C to +80°C
Parameter Refresh	< 1 sec
Default Gateway	192.168.0.1
Supported Web Browsers	Chrome, Firefox

[te.com/energy](http://te.com/energy)

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