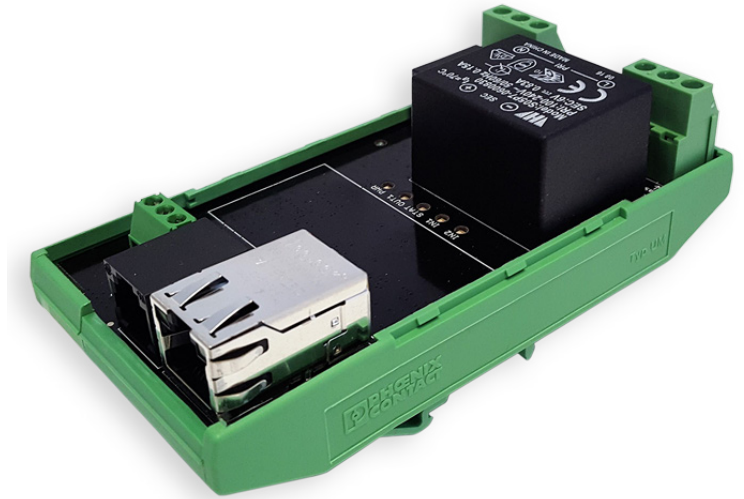


# GOODMEASURE ETHERNET CONNECTOR

**Intelligent.**  
**Scalable.**  
**Flexible.**

- › Seamlessly connect your energy meters to your software platforms
- › Enable real-time products and solutions from your existing meters



## 1. CONNECT

Connect to all of your meters and sensors



## 2. COLLECT

Collect the data you need from all of your sites



## 3. TRANSFORM

Intelligently transform data into meaningful information



## 4. DELIVER

Deliver to all of your chosen software platforms, in real time

## KEY FEATURES



Monitor up to 50 meters with each Connector



Connects to meters and sensors from major manufacturers



Mains powered, DIN rail design for ease of installation



WiFi and Ethernet enabled and cloud connected



Connect any measurement device to any software platform



Remotely upgradeable and control-ready

# FLEXIBLE

The GoodMeasure Ethernet Connector is an intelligent Ethernet and WiFi communications gateway that enables internet connectivity for any measurement, control or sensor device that uses industrial communication protocols.

The GoodMeasure Ethernet Connector works with the majority of measurement devices from most major manufacturers. Talk to us about compatibility with your devices.

# SPECIFICATIONS

<b>Electrical</b>	<ul style="list-style-type: none"> <li>&gt; 100-240V AC</li> <li>&gt; 1.3W typical</li> <li>&gt; 1.8W max (relay active)</li> </ul>	<b>Size and Weight</b>	<ul style="list-style-type: none"> <li>&gt; DIN rail mount, 3 unit width</li> <li>&gt; 58x47x112mm (WxHxD)</li> <li>&gt; 140g (170g shipping)</li> </ul>
<b>I/O Interfaces</b>	<ul style="list-style-type: none"> <li>&gt; 2x independent pulse input channels on 3 way screw terminals</li> <li>&gt; Isolated single pole double throw relay output, contacts rated for 230VAC/30VDC 1A</li> </ul>	<b>Indicators</b>	<ul style="list-style-type: none"> <li>&gt; Power</li> <li>&gt; Connect status</li> <li>&gt; 2 x Pulse detect</li> <li>&gt; Relay state</li> <li>&gt; Ethernet connection and activity</li> </ul>
<b>WiFi</b>	<ul style="list-style-type: none"> <li>&gt; WiFi: IEEE 802.11b/g/n 2.4GHz: 2412 ~ 2462</li> <li>&gt; WiFi: IEEE 802.11a/n 5.8GHz: 5180 ~ 5825</li> <li>&gt; Ethernet: 10/100Mb, RJ45</li> </ul>	<b>Data Communications</b>	<ul style="list-style-type: none"> <li>&gt; MODBUS RTU protocol &amp; others as required</li> <li>&gt; RJ12 socket supports                             <ul style="list-style-type: none"> <li>&gt; 2x 2-wire RS485 or 1x 4-wire RS485</li> <li>&gt; 6V 200mA DC output</li> </ul> </li> </ul>
<b>Environmental</b>	<ul style="list-style-type: none"> <li>&gt; IP50</li> <li>&gt; Storage: -40°C to +80°C</li> <li>&gt; Operating: -30° to +70°C</li> <li>&gt; Relative humidity: up to 90% at 40C</li> </ul>	<b>Standards and Compliance</b>	<ul style="list-style-type: none"> <li>&gt; RCM (Aus/NZ)</li> <li>&gt; RoHS</li> <li>&gt; Enclosure - UL94-V0 and V2</li> </ul>

# SCALABLE



The GoodMeasure Ethernet Connector is designed to be used primarily in industrial and commercial applications where the device can be installed inside an electrical distribution cabinet.

The Ethernet Connector supports 10/100 Mb wired Ethernet, 2.4GHz and 5.8GHz WiFi connectivity to ensure consistent, reliable communications across one or more media options. This includes the ability to connect to multiple access points, hidden SSIDs and to connect through secure proxy servers.

# WIRING DIAGRAM

# DIMENSIONS

**To RS485 devices**  
x2 A(+)  
x2 B(-)  
[5-6VDC input/output]

**10 / 100Mb Ethernet**  
CAT5 Cable to Network Hub

**100-240VAC fused auxiliary supply**  
Phase Neutral  
N

**Control output**  
• Normally Open  
• Common  
• Normally Closed  
Relay: 1A 250VAC/1A 30VDC

Width: 58mm  
Height: 47mm  
Depth: 112mm

**Must be installed by authorised service person**

**G0005**