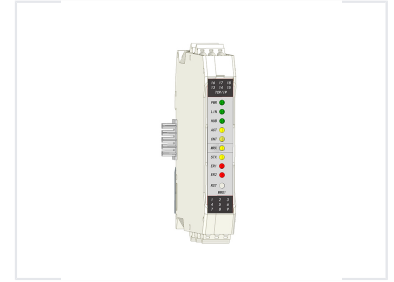


# Remote I/O Module with Modbus RTU/TCP

This remote I/O module provides communication and control with full isolation. It supports Modbus RTU and Modbus TCP protocols and is suitable for remote monitoring, distributed control, and SCADA applications.



## Overview

### Industrial Remote I/O Module

The MWG1 Remote I/O Module is a high-performance communication and control unit designed for rugged industrial environments. It supports both Modbus RTU and Modbus TCP protocols, making it ideal for distributed control, remote monitoring, and SCADA applications. With its 4-way isolation design and DIN rail mounting, this module ensures reliable operation and signal integrity even in harsh conditions.

## Communication Protocols

### RS485 Master Capacity

**31 units**

Supported I/O Models

**60 ch**

Max Analog Channels

**60 ch**

Max Discrete Channels

### Network Connectivity

- RJ45 (10BaseT/100Base TX)
- 6 Modbus TCP client connections
- 2 HTTP client connections

### Supported Protocols

Modbus RTU, Modbus TCP, TCP/IP, HTTP, ZPBUS

## Technical Specifications

### Isolation Specifications

Parameter	Value
Isolation Voltage	e1500AV/1min
Isolation Resistance	e10Mohm/500V

**Power Supply** 24VDC  $\pm$ 10% or AC

**Power Loss** 1.2 W

**A/D Resolution** 24 bit

## Environmental Conditions

### EMC Standards

EN1326: 1997 • A1: 1998 • A2: 2001 • A3: 2003

Operating Temperature	-10 to 70 °C
Storage Temperature	-40 to 85 °C
Relative Humidity	5-95% non-condensing

## Physical Characteristics

Weight	95 g
Mounting Type	DIN rail