



# DTM Distributed Transmitter Monitor

## DTM96 Communication Module

### DTM96 Features

- ✓ Direct Modbus RTU interface
- ✓ Optically isolated RS485, RS422 or RS232
- ✓ Capable of connecting/ networking up to 32 DTM modules with PLC/DCS or other control systems
- ✓ Used with DTM-CFG software to configure and calibrate DTMs

### Specifications

#### Electrical

Power Supply:

22-30VDC, 50mA

Galvanic isolation

Accept dual power inputs.

Modbus:

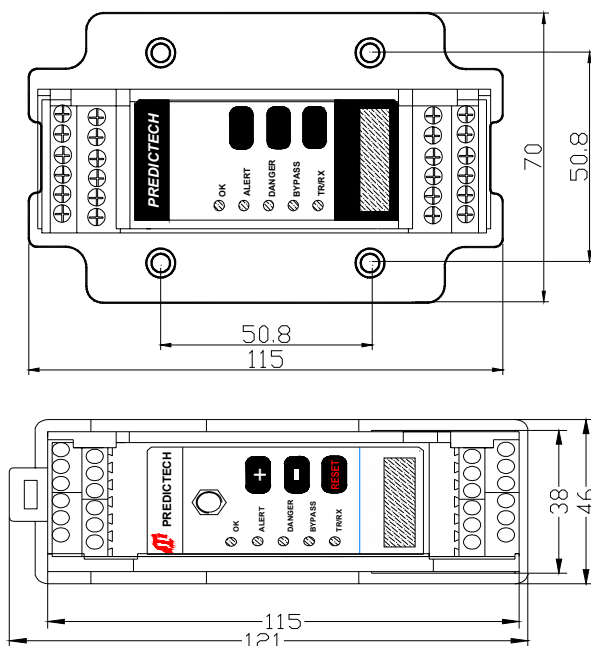
Modbus RTU. With RS485, RS422 or RS232

Isolated from the input to the output

#### Physical

Dimensions: Height: 75mm (2.95")

Weight: 2.0lbs (1.0kg)



#### Environmental

Temperature:

Operation: -40°C to +85°C

Storage: -50°C to +100°C

Humidity:

90% non-condensing

Case:

Aluminum casted (copper free) case

#### Certifications

CE certified with EMI compliance

CSA Class I, Div.2, Groups A, B, C & D, T4

ATEX III 3G Ex nA II T4

#### Order Information

\* Factory default

#### DTM96-AX-BX-SX

##### AX: Output

A0\*: Modbus RS485, RS422, RS232

##### BX: Mounting

B0\*: DIN rail mount

B1: Plate mount

##### SX: Approvals

S0\*: CE

S1: CE

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## Optional Accessories

### DTM-CAL

The DTM field calibration kit is capable of calibrating with any 5mm, 8mm and 11mm probe system. The kit includes:

- ✓ DTM-CFG configuration and calibration software CD
- ✓ RS485-USB converter with cable
- ✓ TM0540 proximity probe field calibration kit

### DTM-CFG-K

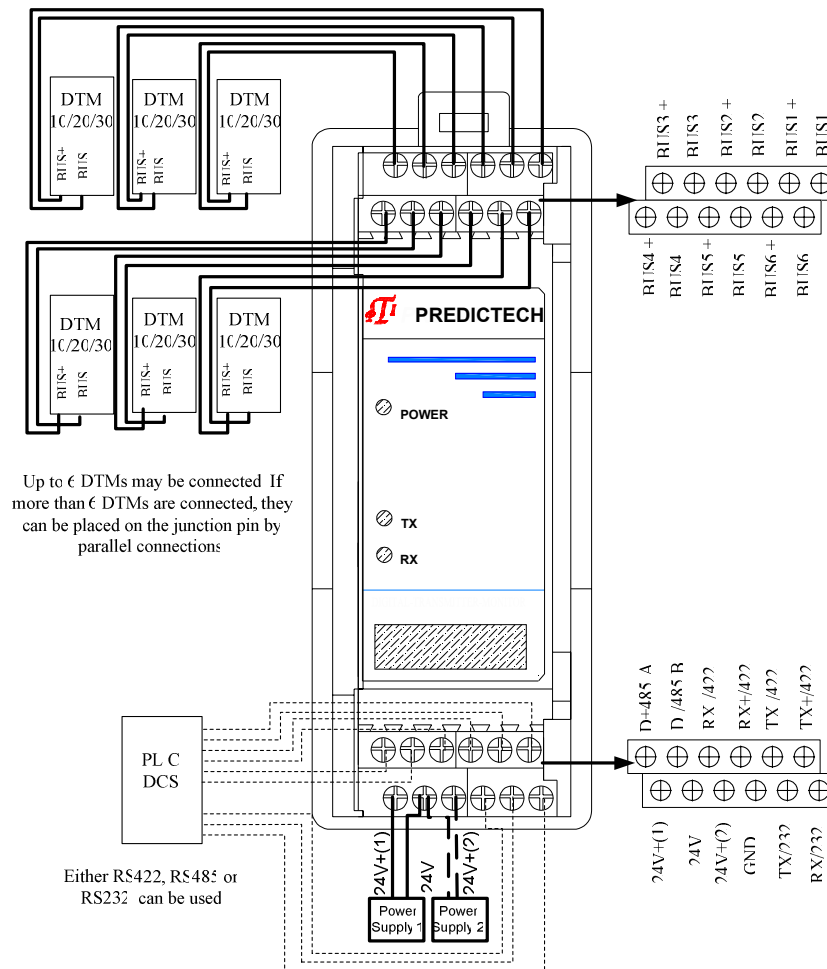
DTM configuration and calibration software kit includes:

- ✓ DTM-CFG configuration and calibration software CD
- ✓ RS485-USB converter with cable

### TM900

Power converter with isolation. It converts 95-250 VAC into 24VDC and has the capability to power up to five DTM modules.

## DTM96 Field-Wiring Diagram



Note:

- ✓ Power supply 2 is optional