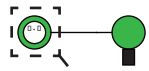


SYSTEM OVERVIEW



TXP Modbus
/Relay Board

1

A = w/ TR
B = w/o TR

4

24VDC -
24VDC +

TXP Main
Board

TXP-T40

TB1
PWR
4-20mA
Out 1
4-20mA
Out 2
COM

TB2
R
C
A/COM
4-20mA
Ch 2 In

J3

J4
Ch 2 EC
Sensor

J5
Ch 1 EC
/Bridge
Sensor

2

TXP Remote
Sensor Assembly

3

SV / ID
UP
BAL
DOWN
GAIN
EDIT

24V

GND

A

B

NC

TB1

TB2

TB3

R

C

A

1. TXP-T40 Optional Modbus / Relay board must be spec'd in order to connect to a Remote Sensor Assembly.
2. Wiring must be a 2 wire twisted pair with shield. Shield should be landed on the "S" terminal at the T40 Modbus / Relay board.
3. This example shows the T40 connecting to a single Remote Sensor Assembly.
4. Power wiring for the Remote Sensor Assemblies is to be run in its own 2 wire jacket and not inside the Modbus RS-485 jacket otherwise signal degradation will occur.

MACURCO
GAS DETECTION

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TracXP™
Industrial Gas Solutions
by Macurco

Title: TXP-T40 Single Remote
Rev.: 1.0
Date: 10/18/2023

All drawings are for reference only. Electrical diagrams / drawings must be reviewed and approved by a local governing authority prior to installation. Macurco makes no representation or warranty concerning wiring diagrams / drawings, and you are to rely solely on the recommendations and requirements of the local governing authority.