

TracXP™

INDUSTRIAL GAS SOLUTIONS

by Macurco

TracXP is now a part of Macurco Gas Detection, a company that has been providing gas detection solutions for over 45 years. The TracXP line addresses special hazard applications with a comprehensive line of wired and wireless gas detection solutions to meet your most challenging applications.



TXP-T30

Fixed Single or Dual Sensor Gas Monitor



TXP-T30
Aluminum Housing



TXP-T30
Poly Housing

The TracXP TXP-T30 universal transmitter can be configured in single or dual sensor configurations to allow Electrochemical and Bridge (Catalytic Bead or Infrared) sensor inputs such as simultaneous monitoring of H₂S and LEL. The unit's backlit Graphic LCD display indicates operational and alarm status for both channels simultaneously, as well as individual channel trends and settings. The TXP-T30's smart sensors allow changing sensor types quite easily. The TXP-T30 also supports integral and remote sensor options. Intuitive non-intrusive magnetic interface makes set up and programming quick and easy. Aluminum, Stainless and Poly enclosures provide best fit materials and costing for your applications.

Key Features

- Certified for Class 1, Div. 1 or Div. 2
- Backlit graphic LCD display
- Displays gas values, units, trend graph and alarm levels
- Channel 1 accepts oxygen and toxic sensor inputs
- Channel 2 is suitable for catalytic bead or infrared sensor inputs
- LED alarm status indication
- Dual smart sensor capable
- 3 configurable 5A relays

Applications

- Oil & Gas
- Pipeline compression
- Refining & chemical production
- Water / waste water treatment plants
- Food & beverage facilities
- Metal manufacturing
- Pulp & paper
- Power generation
- General industry

TXP-T30

Specifications

Detector Specifications

Size	5"(L) x 5.4"(W) x 8"(H) Aluminum Housing 4"(L) x 5"(W) x 7"(H) Poly Housing
Shipping Weight	6.5 lbs. (3 k.) Aluminum Housing 3 lbs. (2 k.) Poly Housing
Power Supply	10-30VDC at < 10 Watts With Relay Board (All Relays Energized)
Input	Channel 1: Electrochemical Toxic and Oxygen Sensors / 4-20 ma Current Input Channel 2: Electrochemical, Infrared, Photoionization Sensor / 4-20 mA input
Standard Output	Dual 3-wire 4-20 mA current Source. Max Loop R is 750 ohms With Nominal 24 VDC Power Supply Optional Outputs: Dual Isolated 4-20mA Current Source. Max Loop Resistance is 650 ohms With Nominal 24 VDC MODBUS Slave Ports; 3 Programmable 5A Relays
Display	Backlit 64 x 128 Pixel LCD With 30-Minute Trend, Bar Graph and Engineering Units Display
Temperature	-40°F to 140°F (-40°C to +60°C) *See Sensor Limitations
Enclosure	Aluminum (Std.), UI94 black poly and 316 S.S. options available
Approvals	<u>Cast Aluminum Enclosure:</u> Explosion-Proof Cl.1 Div.1 Gr ABCD w/ Sinter (includes sinter) Non-Incendive Cl.1 Div.2 Gr ABCD w/ Sinter <u>UL94 Poly Black Plastic Enclosure:</u> Non-Incendive Cl.1 Div.2 Gr ABCD

Sensor Options

Gas Options

Ammonia (NH ₃)	Oxygen (O ₂)
Carbon Dioxide (CO ₂)	Sulfur Dioxide (SO ₂)
Carbon Monoxide (CO)	4-20 mA input option
Chlorine (Cl ₂)	
Combustibles (IR)	
Hydrogen (H ₂)	
Hydrogen Chloride (HCl)	
Hydrogen Cyanide (HCN)	
Hydrogen Sulfide (H ₂ S)	
Nitric Oxide (NO)	
Nitrogen Dioxide (NO ₂)	

* For additional gas / sensor options, please contact your TracXP representative

Accessories

Name	Model Number
Dual Sensor Option	TXP-T30

*For additional accessory options, please contact your TracXP representative

Housing Dimensions

