TracXP™
Industrial Gas Solutions
by Macurco

TXP-T40

Fixed Single or Dual Sensor Gas Monitor

TXP-T40
Aluminum Housing

TXP-T40
Poly Housing

The TracXP T40 transmitter is a highly configurable fixed gas detector supporting single or dual sensor applications in Class 1 Division 1 or Class 1 Division 2 environments. Local and remote sensor options allow the T40 to adapt to a wide variety of industrial applications. TracXP intelligent sensors simplify sensor installation and configuration by transferring sensor information to the transmitter including sensor type, measurement range, calibration span values, last calibration date, serial number, and manufacture date. A vivid status indicating color display and LED notification provide superior visual verification of safe or unsafe conditions. Intuitive non-intrusive magnetic interface and embedded webpage make setting up and programming easy. Aluminum, Non-metallic (Poly), and Stainless-Steel enclosures provide alternatives to meet a wide variety of application and cost requirements.

Key Features

- Certified for Class 1, Div 1 or Div 2
- Vivid QVGA backlit color TFT display
- Displays gas values, units of measurement, trend graphs and alarm levels
- LED alarm statues indication
- Dual sensor capable
- Supports remote sensor applications
- Standard ethernet port with web server
- 4 configurable 5A relays (Optional)
- Modbus® RS-485 output (Optional)

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-T40
Aluminum Dual Sensor

TXP-T40

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	10-30 VDC at < 10 watts with relay board (all relays energized)
Input	Channel 1 & 2: Electrochemical, Catalytic Bead, Infrared sensor
Standard Output	Dual 3-wire 4-20mA current source, (Max loop Resistance 600 ohms @ 24VDC, Ethernet R-45 with built-in web Server, Modbus® TCP)
Optional Output	Three programmable relays plus dedicated FAULT relay Dual programmable master / slave Modbus® RS-485 serial interfaces
Display	QVGA backlit color TFT 320x240
Temperature	-40°F to 140°F (-40°C to +60°C) *See Sensor Limitations
Humidity	IR Sensor: RH Non-condensing 95% Electrochemical Sensor: RH Non-condensing 85%

IP Rating	Cast Aluminum Enclosure:
	  IP65 w/88-C200-0002-00 or 88-C200-0003-00
	Black Poly Enclosure:
	  Suitable for IP54

Approvals	Cast Aluminum Enclosure:
	  Explosion-Proof Cl.1 Div.1 Gr ABCD
	  w/88-C200-0002-00 Sensor Housing
	  Non-Incendive Cl.1 Div.2 Gr ABCD
	  w/88-C200-0002-00 or 88-C200-0003-00
	  Sensor Housing
	  CSA
	Black Poly Enclosure:
	  Non-Incendive Cl.1 Div.2 Gr ABCD**

Sensor Options*

Gas Options

Ammonia (NH_3)	Hydrogen Chloride (HCl)
Acetylene (C_2H_2)	Hydrogen Sulfide (H_2S)
Carbon Dioxide (CO_2)	Mercaptan (CH_3SH)
Carbon Monoxide (CO)	Nitric Oxide (NO)
Chlorine (Cl_2)	Nitrogen Dioxide (NO_2)
Chlorine Dioxide (ClO_2)	Oxygen (O_2)
Combustibles (IR)	Ozone (O_3)
Combustibles (Cat Bead)	Phosphine (PH_3)
Hydrogen (H_2)	Sulfur Dioxide (SO_2)

Accessories*

Part Number	Description
88-1109-0000-10	Remote Sensor Assembly, Aluminum, S.S. Sensor Head C1D1 (Non-reactive Sensor)
88-1109-0000-20	Remote Sensor Assembly, Aluminum, S.S. Sensor Head C1D2 (Reactive Sensor)
88-1309-0000-30	Remote Sensor Assembly, Poly C1D2 Non-Incendive
88-1000-0040-00	Relay Option Board (4) 5A/Dual Modbus® (Master/Slave)
88-C20S-0000-00	Sensor Head Flow Cell Adapter[1]
88-C50G-0000-00	Splash Guard W/Calibration Port[1]
88-C50P-0000-00	Sensor Head Flow Cell, Cover Only[2]
88-C200-0000-0D	Universal Duct Mount Kit
88-C50I-0000-00	Sensor Head Cal-Adapter[1]
88-C000-0000-02	Large Magnetic Wand, AL/SS Transmitters
88-C000-0000-01	Small Magnetic Wand, Poly Transmitters

[1] Compatible with Stainless Steel Sensor Housing
[2] Compatible with Poly Sensor Housing

*Please contact your TracXP representative for additional gas type, sensor range, and accessories
**Excludes Catalytic Bead sensors

Represented By: