

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-C16

16 Channel Alarm Controller



TXP-C16 NEMA-4X

The TracXP TXP-C16 sixteen channel controller can be configured with (8) or (16) inputs. The TXP-C16 comes standard with Modbus® Master and Slave RS-485 serial ports. The TXP-C16 is user friendly and easily configurable for toxic and combustible critical alarm functions, as well as other 4-20 mA and/or Modbus® device inputs. (Flame, Pressure, Level, Flow, etc.) Two user interface options include non-intrusive magnetic interface or push button set up. The graphic LCD display indicates current status and trends in engineering units as well as bar graphs. Controller comes standard with common relays and three alarm levels per input. The direct sensor input option is an economical solution for applications not requiring local transmitter interface. A variety of mounting and enclosure options make the TXP-C16 suitable for your most challenging applications.

Key Features

- Certified for Class 1, Div. 1 or Div. 2
- Vivid QVGA backlit color TFT display
- Brilliant status indicating color display
- Standard ethernet port with web server
- Modbus TCP
- Dual smart sensor capable
- Non-intrusive one-man calibration
- 3 programmable relays and fault relay available

Applications

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

Specifications

Controller Specifications

Display	128 x 240 pixel backlit graphic LCD displays engineering units, bar graphs & trends. 52 alarm status LEDs (3 per channel) and common relays
Power Supply	10-30VDC 12 Watts required by TXP-C16; 150W Power Supply option
Serial Port (Standard)	Modbus Master and Slave RS-485 ports with Transmit (Tx) and Receive (Rx) LED indication
Analog Inputs (Optional)	12 bit 4-20 mA into 100 Ohms input impedance; includes +power supply terminals to route power to 2 to 3-wire transmitters.
Analog Outputs (Optional)	10-bit 4-20 mA output. Max load 800 Ohms with nominal 24V DC power supply.
Common Alarm Relays (Standard)	Five 5A 30 VDC or 250 VAC resistive Form C
Discrete Alarm Relays (Optional)	Four 5A 30V DC or 250V AC resistive Form C
Temperature Range	-13°F to +140°F (-25°C to +60°C)
Approvals	CSA C22.2 No. 1010.1 and C22.2 No. 152 for combustible and ISA S82.02 UL 1604 / C22.2 No. 213 (NEMA 4X = Div. 2 Groups A, B, C, D) En55011 and EN61000 (CE Mark) TXP-C16 XP version NEMA 7, Division 1, Groups B, C, D

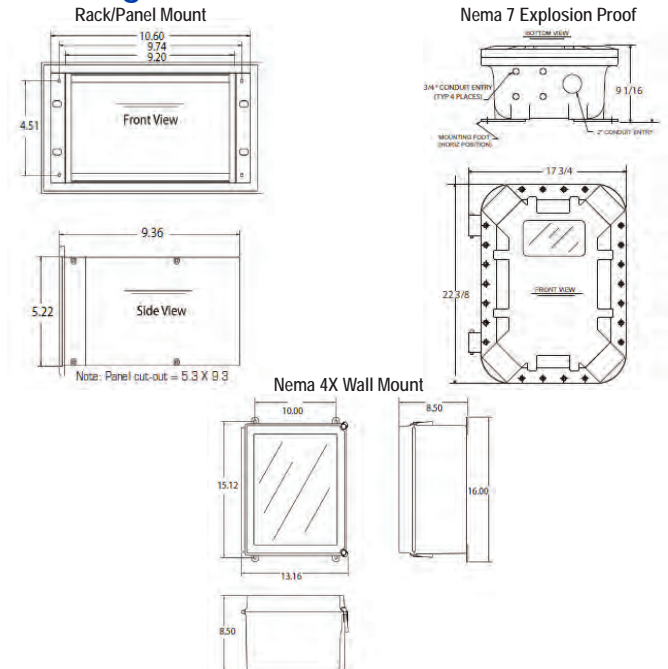
Controller Options

Name

NEMA 4X wall-mount
NEMA 7 wall-mount
Panel-mount rack, includes bezel and rack hardware
NEMA 4X 316 S.S. wall-mount
24 VDC 150W power supply
8 channel direct 4-20 mA input board
8 channel direct catalytic bead (Bridge Sensor) input board
Aux. Relay board, adds 5 relays for Alarm 1, Alarm 2 and Horn
8 channel discrete 5A Form C relay board configurable for Alarm 1, Alarm 2 or Fault
8 channel resistive/RTD/mA input board
Expansion NEMA 4X enclosure accommodates 8 option boards
Full 19" rack Accommodates 1 or 2 TXP-C64 Nests
Dual catalytic bead modules for direct catalytic bead input board

*For additional options & configurations, please contact your TracXP representative

Housing Dimensions



Since 1972 Macurco has been providing gas detection solutions for various applications. Macurco provides the highest quality gas detection solutions to customers worldwide.



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