

Series 930

Gas Transmitter & Controller

The Series 930 is a networkable monitor with control and alarm outputs, all housed in a robust water resistant enclosure. By selecting one of our many interchangeable sensor heads, the Series 930 can be used in a wide range of industrial applications including gas leak detection, health and safety, and process control.

Gases available: Ammonia (NH₃), Carbon Monoxide (CO), Formaldehyde (CH₂O), Hydrogen (H₂), Hydrogen Sulphide (H₂S), Methane (CH₄), Non-Metal Hydrocarbon (NMHC), Nitrogen Dioxide (NO₂), Ozone (O₃), Sulphur Dioxide (SO₂), Volatile Organic Compound (VOC).



Features

- Active sampling for higher accuracy
- Tamperproof, water-resistant enclosure
- Multiple output transmitter
- Real-time network capability
- Data-logging and network software included
- Large LED local display option
- Temperature and RH sensor option

Specifications

Power (user supplied)	24V DC, 500mA (range 22-26V DC)
Analogue output	4-20mA (opto-isolated), 12-24V
External signal type	Transistor output (150mA max)
External signals (4)	Low Alarm High Alarm Control Diagnostics
LED Display	Optional
Inputs	Standby toggle
Communication	RS485 (Aeroqual)
Jumpers	J1, J2, J3 termination resistors
Connectors	Screw
ID	1 (Default) User configurable from 1 to 255
Alarm set points (2)	User configurable
Control set point	User configurable
Removable / replaceable / refurbish-able sensor head	Yes
Sampling method	Active sampling via internal sensor fan
Temperature & humidity sensor (Series 945)	Range -40°C to 124°C (-40°F to 255°F) Range 0 to 100% RH
Configuration software (standard)	PC Configuration Program CD (supplied)
Data logging & networking software (optional)	PC Data Logging & Networking CD (code: R60)
USB interface (optional)	RS485 to USB converter (code: R53)
Power supply (optional)	24V DC DIN rail mount 100-250V AC (code: R38)
Enclosure casing	Fibre reinforced polycarbonate IP41 & NEMA 2 equivalent
Enclosure size	180 x 110 x 90 (mm); 7 1/8 x 4 3/4 x 3 1/2 (in)
Weight	< 850 g; < 30 oz
Approvals	Part 15 of FCC Rules EN 50082-1: 1997 EN 50081-1: 1992

