

WHAT IS IT?

The MC-6500-CH4 isolates and detects only the Methane in a natural gas stream, thus allowing for continuous monitoring at significantly reduced operating costs versus a chromatograph. Operators can utilize the analyzer in a variety of applications including remote site well monitoring.

For example, the MC-6500-CH4 is able distinguish the true Methane concentration in a hydrocarbon gas mixture, sense and compensate for temperature as well as Carbon Dioxide (CO₂), and provide real time data of all three components over a telemetry system back to a central monitoring station.

The analyzer is self-contained in explosion-proof Class I, Div I, cast iron aluminum enclosures with the ability to interface via RS-485 data protocol or 4-20mA current loop.

The MC-6500-CH4 combines leading edge technology with industry standard features to be the most economical gas monitoring solution for natural gas pipelines, stations, and facilities available today.



FEATURES AND BENEFITS

- Monitor multiple, unique gases simultaneously
- Provides real-time 0 to 100% Full range
- Targets specific gas in the Hydrocarbon mixture
- Temperature compensated
- Methane version includes CO₂ compensation
- Calibration data stored in each individual sensor module
- Automatic detection of installed sensors
- NETWORK INTERFACE OPTIONS:
 - RS485 for AMR MC-4000 or other control networks
 - 4-20mA Current Loop
 - Modbus Protocol
- Universal mounting plate

SPECIFICATIONS:

Enclosure Type	NEMA 4X, Cast aluminum w/ window Explosion proof rating Class I, Div I
Dimensions	14.625" L x 9.25" W x 3.50" H 37.148 cm x 23.495 cm x 8.89 cm
Weight	Approx. 10 lbs (4.54 kg)
Power	12 - 28 VDC
Current Loop	4 - 20mA
Modbus	RS - 485, 4800 - 38.4K Baud
Display	16 character, 2 row LCD
Process Fitting	1/4" (others by request)
Input Pressure	50 psi (nominal)
Warranty	1 Year