



Stay active in Gas Detection with the new IR DYNAMIC RANGE SENSOR from N.E.T.



The New Dynamic sensor introduced by N.E.T. is designed to meet the necessity of costumers for a more accurate detection of Methane over 0-100%Vol range using the technique of NDIR (Non Dispersive Infrared).

Integrated electronics and factory calibration, of DYNAMIC sensor provides an output linearized and temperature compensated to reach the highest sensing accuracy ever seen on an IR Methane sensor.

DYNAMIC sensor also provides an optional digital output linearized and temperature compensated to detect Propane over 0-2.1% Vol range, which is the best choice for detection of other hydrocarbons using a cross-reference factor.

Digital, analogue or both output can be used to monitor the functionality. By using digital communication, concentration and status of the sensor can be easily monitored for a fast check of the system, while analogue output offers the fastest and easiest way to check the gas concentration.

Rugged, fast, flexible and easy to use, DYNAMIC sensor is suited for instrument manufacturers who needs to detect Methane and Propane in compliance with Chinese Mine standard.

The main features are:

- High sensitivity for superior accuracy over 0-100% Vol range of Methane
- Resolution of 0.01%Vol over 0-100% Vol range
- Dual gas digital output (Methane + Propane)
- Analogue (voltage or pellistor) standard output for Methane or Propane
- ATEX & IECEx certified NDIR sensor
- Fast response
- Chinese Mine standard compliant
- Wide operating temperature and humidity range
- SIL2 (TUV approved)