

AG-6-CH4-2822-B LASER METHANE SENSOR

Advanced series



Features

- ✓ *Strong anti-interference*
- ✓ *Great versatility*
- ✓ *High detection accuracy*
- ✓ *High environmental adaptation*
- ✓ *Anti-poisoning, long-life*
- ✓ *Calibration-free*

Description

AG-6-CH4-2822 laser methane sensor is developed based on tunable laser gas absorption spectroscopy (TD-LAS). According to the absorption characteristics of methane gas molecules to 1653.7nm infrared "fingerprint spectrum", the concentration of methane gas is detected by direct absorption spectroscopy. The sensor adopts folding optical path structure design, long absorption path, high detection sensitivity and accuracy, and resistance to water vapor and other gas interference; At the same time, the laser and photodetector devices with excellent low temperature performance combined with the wide temperature compensation correction algorithm have strong environmental applicability. Standard thread mounting interface and standard communication protocol design, strong versatility; As the core component of methane gas detector/monitor, this product is widely used in methane gas leakage detection and alarm machine in underground space, catering industry, industrial chemical industry and coal mine.

