

SENSITRON

APPLICATION

Acetylene (C_2H_2) is a colorless, highly flammable and unstable gas composed of carbon and hydrogen. It is mainly used in metal welding and cutting processes because of its very high temperature flame when combined with oxygen. In addition, it is a chemical raw material for the production of compounds such as vinyl chloride.

Detection of Acetylene in metallurgic industry

SERVICE TIPS

Acetylene detectors for flammable gas have to be calibrated with Hydrogen rather than methane cylinders.

SMART 3G C2 LD

- Catalytic sensor
- LED ring
- ATEX
- IECEx
- hw SIL2/sw SIL3



SOLUTION

Acetylene, being a highly flammable and potentially explosive gas, requires the use of gas detectors in welding laboratories or industrial environments to ensure the safety of operators and the environment. Sensitron systems can be integrated with other safety measures, such as automatic power shutdown, ventilation systems or audible and visual alarms.

