

**FOR IMMEDIATE RELEASE:**

**Inductive Proximity Sensors  
with  
Hazardous Location Ratings**



May 10, 2013 - Buffalo Grove, IL - Carlo Gavazzi is proud to announce the enhancement to our popular **ICB Series Proximity Sensors**: Certifications for use in hazardous environments

**By Division:** Class I, Div 2, Groups A, B, C, and D

Class I: Hazardous locations with presence of flammable gases or vapors.

Division 2: Hazardous atmospheres only present under fault conditions and only for very short periods of time.

Group A, B, C and D: Groups of explosive gases (Acetylene, Hydrogen, Ethylene and Propane).

**By Zone:**

Class I: Hazardous locations with presence of flammable gases or vapors.

Zone 1: Hazardous atmospheres may be present under normal operation, but only for short periods of time (intermittently).

AEx d/Ex d: Flameproof devices (AEx d for USA, Ex d for Canada).

IIB+H2: Group of explosive gases (Hydrogen, Ethylene, valid also for group IIA - Propane)

These sensors feature the same advanced microprocessor design and innovative AirCore™ sensing coil, along with a robust potting process that allows users to install the sensor in heavy duty applications. There are no new part numbers involved, as the Class I, Div 2 Rating is an enhancement to the existing **ICB Series**.

The sensors are available from Carlo Gavazzi's North American network of sales offices and distributors, or at [www.GavazziOnline.com](http://www.GavazziOnline.com).

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