



The Safety Company

MSA - Product Group 0700

Category I

Gases for Ultima X and X<sup>3</sup> Technology

Gas Selection Table

Table with 2 columns: Gas ID and Gas Description. Includes entries for Carbon Monoxide, Oxygen, Hydrogen Sulfide, Chlorine, Sulfur Dioxide, Nitric Oxide, Nitrogen Dioxide, Hydrogen Cyanide, Hydrogen Chloride, Chlorine Dioxide, Hydrogen Fluoride, Acetylene, Carbon Dioxide, Phosphine, Arsine, Silane, Diborane, Bromine, Fluorine, Ammonia, Ethylene Oxide, Comb. Gas, and Solvent Tolerant Oxygen.

SELECTION GUIDE FOR ULTIMA XIR COMBUSTIBLE

CATEGORY 38: Methane Calibration

Table with 4 columns: Controller Code, Cal Cylinder, Cylinder P/N, Cal Span Value. Row for Methane with values 1, 2.5% Methane, 10028032, 50% LEL.

CATEGORY 39: Non-Methane Calibration

Table with 4 columns: Controller Code, Cal Cylinder, Cylinder P/N, Cal Span Value. Rows for Propane, Ethane, Butane, Pentane, Hexane, Cyclopentane, Ethylene with various calibration values.

For sensing multiple gases, always calibrate for the least sensitive gas or vapor expected to be measured (highest response factor within a category). All other combustible gas span values available upon request.

Key:

- + UL approved Class I, Div. 1 & 2, Groups A, B, C & D; Class II, Div. 1, Groups E, F & G for IR, Groups F & G for E-chem and catalytic; Class III
> FM approved Class I, Div. 1 & 2, Groups A, B, C & D for oxygen, catalytic and IR
\* CSA approved Class I, Div. 1, Groups A, B, C & D for E-chem and catalytic, Groups B, C & D for IR
• ATEX or IEC approved Ex d IIC T4, IP66
\*\* Selections 3 - 11 must be zero
^ Available as custom product only
x XP Stainless Steel only
-- X3IR must have conduit
~ Available with intrinsically safe barrier and ATEX approval or UL Div 2 approval
" Not available as XL model
} Not available as XT model

Ultima X Sensor X-Change Program

-Exchange sensors on demand w/pre-calibrated, factory checked sensors. Contact your local Territory Manager for more information.