

Ultima X Series Gas Monitors

A-ULTX-SENS -



1



2



3

Gas Type

1

- 11 Carbon Monoxide 0-100 PPM
- 12 Carbon Monoxide 0-500 PPM
- 13 Oxygen 0- 10%
- 14 Oxygen 0-25%
- 15 Hydrogen Sulfide 0-10 PPM
- 16 Hydrogen Sulfide 0-50 PPM
- 17 Hydrogen Sulfide 0-100 PPM
- # 18 Chlorine 0-5 PPM
- 20 Nitric Oxide 0-100 PPM
- 22 Hydrogen Cyanide 0-50 PPM
- # 23 Hydrogen Chloride 0-50 PPM
- # 24 Chlorine Dioxide 0-3 PPM
- 25 Hydrogen Sulfide 0-500 PPM
- # 26 Hydrogen Fluoride 0-10 PPM (A07)
- # 28 Chlorine 0-10 PPM
- 31 Combustible gas 0-100% LEL - Natural Gas & H₂
- 32 Combustible gas 0-100% LEL - Petroleum Vapors
- 33 Combustible gas 0-100% LEL - Solvents
- ^ 34 Acetylene IR 0-2.5% (A07)
- 35 Carbon Dioxide IR 0-5%
- 36 Carbon Dioxide IR 0-2%
- 37 Carbon Dioxide IR 0-5%
- ^ 38 IR combustible 0-100% LEL - Methane
- ^ 39 IR combustible 0-100% LEL - Propane
- 41 Phosphine 0-2 PPM
- 42 Arsine 0-2 PPM
- 43 Silane 0-25 PPM
- 45 Diborane 0-50 PPM
- # 46 Bromine 0-5 PPM
- # 47 Fluorine 0-10 PPM
- # 48 Ammonia 0-100 PPM
- 49 Hydrogen 0-1000 PPM
- # 50 Ethylene Oxide 0-10 PPM
- 51 Comb. Gas 0-100% LEL-ATEX 4.4% CH₄
Natural Gas and H₂
- 52 Comb. Gas 0-100% LEL-ATEX 1.7% Propane
Petroleum Vapors
- 53 Comb. Gas 0-100% LEL-ATEX 1.7% Propane
Solvents 5.00
- # 54 Ammonia 0-1000 PPM
- x 55 Solvent Tolerant O₂
- 57 Carbon Monoxide 0-1000 PPM
- 58 Comb Gas IR - Methane 0-100% LEL-ATEX 4.4% CH₄
- 59 Comb Gas IR Non Methane 0-100% LEL-ATEX 1.7%
Propane
- # 61 Chlorine 0-20 PPM
- x 62 Solvent & CO₂ Tolerant Oxygen
- x 63 Low oxygen
- x 64 Low solvent tolerant oxygen
- ~ 70 Sulfur Dioxide 0-25 PPM
- ~ 71 Sulfur Dioxide 0-100 PPM
- ~ 72 Nitrogen Dioxide 0-10 PPM

2

Enclosure Type

- 0 = General Purpose, Plastic
- 1 = 316 Stainless Steel (All XP models except IR,
fine threads)
- 2 = 316 Stainless Steel (IR, NPT threads)
- 3 = 316 Stainless Steel (IR, Metric threads, APEX)
- 4 = 316 Stainless Steel (IR, ATEX, NPT)
- 5 = 316 Stainless Steel (IR, Canada)
- 6 = GP Stainless Steel (coarse threads)
- 8 = XP Europe - or intrinsic safe barrier

(Threads depend on gas, consult factory)

- 9 = 316 Stainless Steel XP (IR, Metric, XL, FM)
- 10 = 316 Stainless Steel XP (IR, NPT, XL, FM)
- 11 = 316 Stainless Steel GP (IR, Metric, XL, FM)
- 12 = 316 Stainless Steel GP (IR, NPT, XL, FM)

3

Custom Features

- 0 = None
- C = Custom Feature
- CC = Certificate of Calibration

A-ULTX-PCB -



1



2



3



4



5



6

1

Model Type

- A = General Purpose, Plastic
- E = Explosion-Proof, 316SS
- T = General Purpose, Plastic, no display
- L = XP or GP, 316SS, no display

2

Sensor Outputs

- 1 or B = 4-20mA, 2 wire toxic
and O₂ (no LED's or relays)
- 2 = 4-20mA and HART, 2 wire
- 3 or E = 4-20mA, 3 wire toxic and O₂ sensors
(with LED's and/or relays)
- 4 or H = 4-20mA and HART, 3 wire
- M = Modbus

3

LED / Relays Options

- 0 = NO LED's and NO Relays
- 1 = LED's and NO Relays
- 2 = Relays and NO LED's
- 3 = LED's and Relays

4

Language

- 0 = English
- S = Spanish

5

Software

- 0 = NASO Version
- 1 = European Version
- 3 = Custom Horn (NASO Only)

6

Custom Features

- 0 = None
- 1 = 12VDC Internal power supply
- 2 = 24VDC internal power supply
- C = Custom Feature

Body Assemblies

For XE, must use A-Ultima X-XP ATO & order w/sensor

10035078 Body Assembly for XA (Plastic)

10045269 Body Assembly GP Stainless Steel NPT

KEY: # = Available in GP Stainless Steel, plastic, ATEX or
with UL Div 2 approvals
X = XP Stainless Steel only
^ = Available as custom product only - Add \$150
~ = Available with intrinsically safe barrier and ATEX
approval or UL DIV 2 approval