

**JTPD.E190105****Gas and Vapor Detection Equipment Classified for Use in Hazardous Locations**[Page Bottom](#)**Gas and Vapor Detection Equipment Classified for Use in Hazardous Locations**[See General Information for Gas and Vapor Detection Equipment Classified for Use in Hazardous Locations](#)**MINE SAFETY APPLIANCES CO**

E190105

1000 CRANBERRY WOODS DR  
CRANBERRY TOWNSHIP, PA 16066 USA**Class I, Division 1, Groups A, B, C and D.**

Orion, Orion FX and Orion-G portable Gas Detector, intrinsically safe when used with MSA NiMH rechargeable battery pack Part No. 10020502 or 10031091 or 10087243 or alkaline battery pack Part No. 10020577, 10031092, 10042020 or 10042020 Version T (for the Orion-G only) containing three Duracell Part No. MN1500, Varta Part No. 4006 or Eveready Energizer Part No. E91, 1.5 V size "AA" alkaline batteries.

Universal pump probe, intrinsically safe when used with two 1.5V, size "AA" alkaline batteries.

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

Toxgard II gas detector, Model No. A-TOX- followed by 11, 12, 14, 15, 16, 17, 18, 19, 20, 22, 23, 24, followed by BM, SM, BS or SS, followed by 0010, followed by 1, followed by 7 numbers or letters.

Classification Marking: Classified by Underwriters Laboratories Inc., as to fire, electrical shock and explosion hazards only.

**Class I, Division 1, Groups A, B, C, and D; Class II, Division 1, Groups E, F, and G; Class III, Division 1.**

ALTAIR4 Gas Detector, intrinsically safe when used with one self-contained 3.6V lithium-ion battery.

**Class I, Division 1, Groups A, B, C, and D; Class II, Division 1, Groups F and G; Class III, Division 1.**

ALTAIR5 and ALTAIR5X gas detectors, intrinsically safe when used with 3.7V lithium-ion battery pack Part No. 10090521 or 10114835 or with alkaline battery pack Part No. 10083507 or 10114837 containing three 1.5V AA batteries, Part No. MN1500 manufactured by Duracell, Part No. E91 manufactured by Energizer, or Part No. 4906 manufactured by Varta.

ALTAIR5iR and ALTAIR5XiR gas detectors, intrinsically safe when used with 3.7V lithium-ion battery pack Part Nos. 10088522, 10114839 or 10114840.

**Class I, Division 2, Groups A, B, C and D; Class II, Division 2, Groups F, G Div. 2 and Class III Hazardous Locations. when connected accordance with Control Drawing Number SK3098-1072.**

ULTIMA X Series, Model any number or letter followed by -ULTIMA X, followed by E or G, followed by 11-28, 35- 37, 41-48, 50, 54, 55, 57 or 61-64, followed by B or E, followed by a number, followed by S or D, followed by any number, followed by 0-3, followed by any number, followed by 0-4, followed by 00, followed by 00, followed by any number, followed by any number followed by any number or letter.

ULTIMA X Series with Hart, Model any number or letter followed by, Ultima X-XP, followed by E, followed by 11-28, 35- 37, 41-48, 50, 54, 55, 57 or 61-64, followed by A, B, C, F, U or I, followed by 1, 2, 3 or 4, followed by S or D, followed by 0, 1 or 2, followed by any number or letter, followed by 0, 1, 2, 3 or 4, followed by any number, followed by 0, 1, 2 or 3, followed by any number, followed by any number, followed by any number or letter.

Model A-Ultima X3, followed by E or G, followed by a number, followed by M, followed by 0-3, followed by 0-4, followed by 0 or S, followed by 0-2, followed by 0-1, followed by 11-28, 35-37, 41-48, 50, 54-57 or 61-64, followed by 0-3, followed by 0-1, followed by 11-28, 35-37, 41-48, 50, 54, 55, 57 or 61-64, followed by 0-3, followed by 0-1, followed by 11-28, 35-37, 41-48, 50, 54-57 or 61-64, followed by 0-3, followed by 0-1, followed by 0.

**Sensors**, Model A-UltX-Sens, followed by 11-28, 35-37, 41-48, 50, 54, 55, 57 or 61-64, followed by 1-6 or 8, followed by 0.

**Power supplies**, Models 10053966, 10053967.

**Hart module** , Model Hart Module.

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