

CERTIFICATE OF COMPLIANCE

HAZARDOUS (CLASSIFIED) LOCATION ELECTRICAL EQUIPMENT

This certificate is issued for the following equipment:

1056-a-b-c-d-e. Dual-Input Intelligent Analyzer.

NI/II/2/ABCD/T4A Ta = 50°C; S/II,III/2/EFG/T4A Ta = 50°C; Type 4X

a= Supply: 01, 02, 03.

b = Measurement 1: 20, 21, 22, 24, 25, 26

c = Measurement 2: 30, 31, 32, 34, 35, 36, 38 or blank.

d = Outputs: HT or AN.

e = UL or blank.

Special Conditions of Use:

1. For use with the sensors in accordance with drawing 1700463.
2. Sensors having exposed electrodes in the process shall be used in a non-flammable liquid process only.
3. The panel mount gasket has not been tested for Type 4X installation. Type 4X refers to the enclosure only.

Equipment Ratings:

Nonincendive for use in Class I, Division 2, Groups A, B, C, and D; Temperature Class T4 Ta = 50°C;
Suitable for use in Class II and III, Division 2, Groups E, F and G; Temperature Class T4 Ta = 50°C;
indoor and outdoor, Type 4X Hazardous (Classified) Locations.

1056-a-27-b-c-d. Dual-Input Intelligent Analyzer.

NI/II/2/ABCD/T4A Ta = 50°C; - 1400312; NIFW; S/II,III/2/EFG/T4A Ta = 50°C; - 1400312; NIFW; Type 4X

a= Supply: 02, 03

b = Measurement 2: 37 or blank.

c = Outputs: AN.

d = UL or blank.

Special Conditions of Use:

1. Turbidity sensors shall be used in a non-flammable liquid process only.
2. The panel mount gasket has not been tested for Type 4X installation. Type 4X refers to the enclosure only.



Member of the FM Global Group

Equipment Ratings:

Nonincendive for use in Class I, Division 2, Groups A, B, C, and D; Temperature Class T4A Ta = 50°C; when installed per control drawing 1400312; Suitable for use in Class II and III, Division 2, Groups E, F and G; Temperature Class T4A Ta = 50°C; when installed per control drawing 1400312; indoor and outdoor, Type 4X Hazardous (Classified) Locations.

FM Approved for:

Emerson Process Management
Rosemount Analytical Incorporated
Irvine, CA 92606 USA



This certifies that the equipment described has been found to comply with the following Approval Standards and other documents:

Class 3600	1998
Class 3611	3611
Class 3810	3810

Original Project ID: 3029167

Approval Granted: December 7, 2007

Subsequent Revision Reports / Date Approval Amended

Report Number	Date	Report Number	Date
3031961	September 5, 2008		

FM Approvals LLC



J.E. Marquedant
Group Manager, Electrical

5 September 2008
Date