



FM Approvals  
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# CERTIFICATE OF COMPLIANCE

## HAZARDOUS (CLASSIFIED) LOCATION ELECTRICAL EQUIPMENT

This certificate is issued for the following equipment:

### **LXT-280 Series Transmitters**

IS/I,II,III/1/ABCDEFG – A-82053 – Entity

XP/II/1/CD

DIP/III/1/EFG

S/III/1

### Model Numbers:

LXT 280-PH/MA

LXT 280-OR/MA

LXT 280-CDH/MA

LXT 280-CDL/MA

LXT 280-CDT/MA

LXT 280-DO/MA

LXT 280-RS/MA

LXT 280-CA/MA

LXT 280-CL/MA

LXT 280-CU/MA

LXT 280-FL/MA

LXT 280-NA/MA

LXT 280-S/MA

### Entity Parameters:

Vmax = 26VDC, Imax = 110mA, Ci = 0, Li = 220μH



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## Equipment Ratings:

Intrinsically safe in accordance with Entity requirements for Class I, II, II, Division 1, Groups A, B, C, D, E, F, and G; explosionproof for Class I, Division 1, Groups C and D; Dust-ignitionproof for Class II, Division 1, Groups E, F, and G; suitable for Class III, Division I hazardous indoor and outdoor (NEMA 4X) locations in accordance with Teledyne Analytical Instruments Drawing Number A82053 Rev 0.

## FM Approved for:

Teledyne Analytical Instruments  
16830 Chestnut St, City of Industry, CA 91748



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

FM3600	1989
FM3610	1988
FM3615	1989
FM3810	1989
NEMA250	1991

Original Project ID: 3033293

Approval Granted: *January 27, 2009*

Subsequent Revision Reports / Date Approval Amended

Report Number	Date	Report Number	Date
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FM Approvals LLC

*J. E. Marquardt*  
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 J. E. Marquardt  
 Group Manager, Electrical

*29 January 2009*  
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 Date