



Member of the FM Global Group

FM Approvals  
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# CERTIFICATE OF COMPLIANCE

## HAZARDOUS (CLASSIFIED) LOCATION ELECTRICAL EQUIPMENT

This certificate is issued for the following equipment:

### **GD(0782)-a, GDN(0782A)-a, GD(0782) Pro-a and GDN(0782A) Pro-a Series. Load Cell**

IS / I, II, III / 1 / ABCDEFG / T4 – 142730; Entity

NI / I,II,III / 2 / ABCDEFG / T4 — 142730

Entity Parameters:  $V_{max} = 20\text{ V}$ ,  $I_{max} = 600\text{ mA}$ ,  $P_i = 1.25\text{ W}$

	Ci	Li
30 Meter Cable	6nF,	26.5 $\mu$ H
20 Meter Cable	4nF,	17.7 $\mu$ H

a = Capacity: 15t thru 500t.

### **SLC611-a. Load Cell**

IS / I, II, III / 1 / ABCDEFG / T5,  $T_a = 50^\circ\text{C}$  – 30105817; Entity

NI / I,II,III / 2 / ABCDEFG / T6,  $T_a = 50^\circ\text{C}$  — 30105817

Entity Parameters:  $V_{max} = 25\text{ V}$ ,  $I_{max} = 600\text{ mA}$ ,  $P_i = 1.25\text{ W}$

	Ci	Li
30 Meter Cable	6nF,	30 $\mu$ H
20 Meter Cable	4nF,	20 $\mu$ H

a = Capacity: 5t thru 22.5t.



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## Equipment Ratings:

Intrinsically Safe for Class I, II and III, Division 1, Groups A, B, C, D, E, F and G hazardous (Classified) locations in accordance with Entity requirements and Installation Drawing 142730 (GD(0782)/GDN(0782A)/GD(0782)-Pro/GDN(0782A)-Pro) and 30105817 (SLC611).

Nonincendive for use in Class I, II and III, Division 2, Groups A, B, C, D, F and G hazardous (Classified) locations per Installation Drawing 142730 (GD(0782)/GDN(0782A)/ GD(0782)-Pro/GDN(0782A)-Pro and 30105817 (SLC611).

## FM Approved for:

Mettler-Toledo (ChangZhou) Measurement Technology Ltd  
No. 111 West TaiHu Rd. XinBei District,  
ChangZhou JiangSu 213125 P. R. of China



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

Class 3610	2010
Class 3611	2004
Class 3600	2011
Class 3810	2005

Original Project ID: 3013511

Approval Granted: June 10, 2002

Subsequent Revision Reports / Date Approval Amended

Report Number	Date	Report Number	Date
3028342	August 22, 2007		
100407	July 12, 2010		
100817	September 17, 2010		
140507	September 4, 2014		

FM Approvals LLC

  
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 J.E. Marquedant  
 Manager, Electrical Systems

4 September 2014  
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 Date