



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:

### **0743. Analog Load Cells.**

IS / I,II,III / 1 / ABCDEFG / T4 Ta = 40°C — 158574R; Entity  
VMax = 25 V, IMax = 600 mA, Pi = 1.25 W, Ci = 0, Li = 29 µH;  
NI / I / 2 / ABCD / T6 Ta = 40°C; S / II,III / 2 / FG / T6 Ta = 40°C

### **0745A. Analog Load Cells.**

IS / I,II,III / 1 / ABCDEFG / T4 Ta = 40°C — 158574R, 42111392; Entity  
VMax = 25 V, IMax = 600 mA, Pi = 1.25 W, Ci = 0, Li = 29 µH;  
NI / I / 2 / ABCD / T6 Ta = 40°C; S / II,III / 2 / FG / T6 Ta = 40°C

### **0772. Analog Load Cells.**

IS / I,II,III / 1 / ABCDEFG / T4 Ta = 40°C — 160180R; Entity;  
VMax = 25 V, IMax = 600 mA, Pi = 1.25 W, Ci = 0, Li = 0;  
NI / I / 2 / ABCD / T6 Ta = 40°C; S / II,III / 2 / FG / T6 Ta = 40°C

### **SBCIR. Load Cell.**

IS / I,II,III / 1 / ABCDEFG / T4 — 175224; Entity  
Entity Parameters:  
VMax = 20 V, IMax = 600 mA, Pi = 1.25 W, Ci = 0, Li = 0.  
NI / I / 2 / ABCD / T6 Ta = 40°C; S / II,III / 2 / FG / T6 Ta = 40°C

### **MTB. Load Cell.**

IS / I,II,III / 1 / ABCDEFG / T4 Ta = 40°C - 72184367; Entity  
NI / I / 2 / ABCD / T6 Ta = 40°C; S / II,III / 2 / FG / T6 Ta = 40°C  
Entity Parameters:  
Vmax = 25V, Imax = 600 mA, Pi = 1.25 W, Ci = 0, Li = 0

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**SLP845-a Series. Load Cell.**

IS / I,II,III / 1 / ABCDEFG / T4 Ta = 50°C — 30036645; Entity

Entity Parameters:

VMax = 20 V, IMax = 600 mA, Pi = 1.25 W, Ci = 0, Li = 0.

NI / I / 2 / ABCD / T6 Ta = 50°C; S / II,III / 2 / FG / T6 Ta = 50°C

**SLB215 / SLB415. Load Cell.**

IS / I,II,III / 1 / ABCDEFG / T4 Ta = 50°C — 30032271; Entity

Entity Parameters:

VMax = 20 V, IMax = 600 mA, Pi = 1.25 W, Ci = 0, Li = 0.

NI / I / 2 / ABCD / T6 Ta = 50°C; S / II,III / 2 / FG / T6 Ta = 50°C

**Equipment Ratings:**

Intrinsically Safe with entity parameters for Class I, II, III, Division 1, Groups A, B, C, D, E, F, and G;  
Nonincendive for Class I, Division 2, Groups A, B, C, and D; Suitable for Class II, III, Division 2, Group F  
and G indoor Hazardous (Classified) Locations.

**FM Approved for:**

Mettler Toledo  
Changzhou, 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 3600	2011
Class 3810	2005
Class 3611	2004

Original Project ID: 3005885

Approval Granted: October 4, 2000

Subsequent Revision Reports / Date Approval Amended

Report Number	Date	Report Number	Date
3022596	December 1, 2004		
050801	August 12, 2005		
061006	November 1, 2006		
100407	July 12, 2010		
130225	March 25, 2013		
3048410	April 26, 2013		
3048880	June 19, 2013		

FM Approvals LLC

J.E. Marquedant  
Group Manager, Electrical

19 June 2013

Date

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