

1151 Boston-Providence Turnpike  
 P.O. Box 9102 Norwood, MA 02062 USA  
 T: 781 762 4300 F: 781 762 9375 www.fmglobal.com

# CERTIFICATE OF COMPLIANCE

## HAZARDOUS (CLASSIFIED) LOCATION ELECTRICAL EQUIPMENT

This certificate is issued for the following equipment:

**ISB Series. Load Cell Barriers.**

AIS/I, II, III/1/ABCDEFG - 159672R and 122502  
 AIS/I, II, III/1/ABCDEFG - 159672R; Entity  
 [I/0] /AEx [ia] / IIC - 159672R; Entity

Type	Voc/Uo (V)	Isc/Io (mA)	Po (mW)	Ca/Co (µF)	La/Lo (mH)	Lo/Ro (mH/Ω)
<b>ISB05000</b>	8.6	295	325	6.2	0.3	0.48
<b>ISB15000</b>	17.3	301	1000	0.353	0.15	0.47

*Special conditions of use:*

1. The modules shall be installed in an enclosure meeting the requirements of ISA S82.02.01 or other applicable ordinary location standards.

**ISB Series. Load Cell Barriers.**

XP/II/1/CD/T6; DIP/II, III/1/EFG/T6; AIS/I, II, III/1/CDEFG - 159672R and 122502  
 XP/II/1/CD/T6; DIP/II, III/1/EFG/T6; AIS/I, II, III/1/CDEFG - 159672R; Entity  
 I/1/AEx d IIB+H<sub>2</sub>/T6; [I/1] /AEx [ia] / IIB+H<sub>2</sub> - 159672R; Entity

Type	Voc/Uo (V)	Isc/Io (mA)	Po (mW)	Ca/Co (µF)	La/Lo (mH)	Lo/Ro (mH/Ω)
<b>ISB05X000</b>	8.6	295	325	6.2	0.3	0.48
<b>ISB15X000</b>	17.3	301	1000	0.353	0.15	0.47



## Equipment Ratings:

Models ISB05000 and ISB15000 were evaluated as having Intrinsically Safe outputs for connection to Class I, II and III, Division 1, Groups A, B, C, D, E, F and G and Class I, Zones 0 and 1, Group IIC indoor hazardous (classified) locations.

Models ISB05X000 and ISB15X000 were evaluated as Explosionproof for Class I, Division 1, Groups C and D; Dust-Ignitionproof for Class II/III, Division 1, Groups E, F and G; Flameproof for Class I, Zone 1 AEx d IIB+H<sub>2</sub> hazardous (classified) locations; indoor/outdoor (Type 4) having Intrinsically Safe outputs for connection to Class I, II and III, Division 1, Groups C, D, E, F and G and Class I, Zone 1, Group IIB+H<sub>2</sub> hazardous (classified) locations

## Approved for:

Mettler-Toledo, Inc.  
1900 Polaris Parkway  
Columbus, OH 43240

Manufacturing Location:  
1150 Dearborn Drive  
Worthington, OH 43085

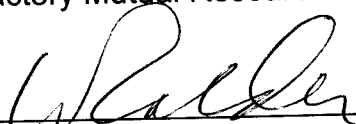
This certifies that the equipment described has been found to comply with the following Factory Mutual Research Approval Standards and other documents:

Class 3600	1998
Class 3610	1999
Class 3615	1989
Class 3810	1989

Original Approval Job Identification: 3010967      Approval Granted: June 21, 2001

Subsequent Revision Reports / Date Approval Amended

Factory Mutual Research Corporation

  
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W Calder  
Assistant Vice President  
Approvals Division

21 June 01  
Date