



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:

Endura AZ30abc1defgh11ijk2l Oxygen Sensor System consisting of O2 Transmitter, Remote/ Integral Terminal Housing and Oxygen Probe.

XP/ I / 1 / BCD / T*; I / 1 / AEx d / IIB + H₂ / T*; DIP / II / 1 / EFG / T*; Type 4X

T* = For O2 Transmitter: T6 Ta -20°C to +55°C; for Remote Terminal Housing T6 Ta -20°C to +70°C; for Probe T4 Ta -20°C to +70°C.

a = Transmitter Option: 1, 2, or 3.

b = Transmitter Entry: 1 or 2.

c = Transmitter System: 1 or 2.

d = Probe Entry Type: 1 or 2.

e = Probe System Type: 1 or 2.

f = Automatic Calibration: 1 or 3.

g = Insertion Length: 1, 2, 3, or 4.

h = Mounting Flange Type: 1, 2, 3, 4, 5, 6, 7, 8, 9, A or B.

i = Cable Length: 0, 1, 2, 3, 4, 5, or 6

j = Cable Type: 0, 1, or 2.

k = Ex Gland Option: 0, 1, or 2.

l = Language: E, G, F, S, I.

Equipment Ratings:

Explosionproof for Class I, Division 1, Groups B, C and D; Flameproof for Class I, Zone 1, AEx d IIB + H₂, and Dust ignitionproof for Class II, Division 1, Groups E, F and G hazardous (classified) locations, indoors and outdoors Type 4X.

FM Approved for:

ABB Ltd
Howard Road, Eaton Socon,
UK PE19 8EU

To verify the availability of the Approved product, please refer to www.approvalguide.com



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

Class 3600	2011
Class 3615	2006
Class 3810	2005
Class 3616	2011
ANSI/ISA 60079-0	2009
ANSI/ISA 60079-1	2009
ANSI/NEMA 250	2003

Original Project ID: 3039243

Approval Granted: October 31, 2012

Subsequent Revision Reports / Date Approval Amended

Report Number	Date	Report Number	Date
121018	February 13, 2013		
130827	September 13, 2013		

FM Approvals LLC

J.E. Marquedant

J.E. Marquedant
Group Manager, Electrical

13 September 2013
Date

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