



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

CERTIFICATE OF COMPLIANCE

HAZARDOUS (CLASSIFIED) LOCATION ELECTRICAL EQUIPMENT

This certificate is issued for the following equipment:

IS-2a-b-cd-e-Afghjklmn. Series Pressure Transmitters.

IS/I, II, III/1/ABCDEFGH/T*; -2323880; Entity; IP65

I/O/AEx ia IIC T*; -2323880; Entity; IP65

NI/I,II,III/2/ABCDEFGH/T* -2323880; NI Field wiring IP65

I / 2 / IIC / T*, -2323880; NI Field wiring IP65

T* = T4 at 105°C, T5 at 80°C, T6 at 60°C

Entity/Nonincendive Field Wiring Parameters: Vmax = 30Vdc, Imax = 100mA, at Tamb ≤ 85°C,

Imax = 87mA at Tamb > 85°C, Pmax = 1W, Ci = 22nF, Li = 0μH

a = Front Membrane 0 or 1

b = Version S, F, H

c = Pressure Unit S - any single digit character representing standards engineering pressure unit (not to exceed 6000bar, 600 MPa or equivalent).

d = Range -any two digit characters (representing pressure from full vacuum up to 6,000 bar, 600 MPa or equivalent).

e = Process Connection – any two digit characters.

f = Wetted Parts 1, L, B, S, A, S, U or Blank (only applicable to IS-21*).

g = Special Design Features Z, E, A, G, K, Q, 7

h = Accuracy – any two digit character.

j = Electrical Connections A4, AX, M4, B5, U4, C6, O4, U6, DM, DL, EM, XM, FA, FB, FC, FD, FE, FG, FH, FK, FV, FW, 5X

k = Cable Length – any single character.

l = Temperature Range of Media U, 8, 9, B, E, C

m = Special Character Approval – any single digit character.

n = Approvals A, D, 1, S, F

FM Approved for:

WIKA Instruments Corporation
1000 Wiegand Boulevard
Lawrence, GA 30043



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

Class 3600	1998
Class 3610	2007
Class 3611	2004
Class 3810	1989
Supplement 1	1995
ANSI/IEC 60529	1989

Original Project ID: 3019542

Approval Granted: December 17, 2004

Subsequent Revision Reports / Date Approval Amended

Report Number	Date	Report Number	Date
3031693	10/20/2008		
090120	4/3/2009		
101213	October 13, 2011		

FM Approvals LLC



J. E. Marquedant
Group Manager, Electrical

13 October 2011
Date