



Member of the FM Global Group

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:

YT-3400 abcdefgh. Smart Valve Positioner

XP/II/1/ABCD/T6 Ta= -40°C to +70°C, T5 Ta= -40°C to +80°C;
I/1/AEx db/IIIC/T6 Ta= -40°C to +70°C, T5 Ta= -40°C to +80°C;
DIP/II, III/1/EFG/ T6 Ta= -40°C to +70°C, T5 Ta= -40°C to +80°C;
21/AEx tb/IIIC/T85°C Ta= -40°C to +70°C, T100°C Ta = -40°C to +80°C; IP66.

a = Motion Type: L or R
b = Acting Type: S or D
c = Explosionproof: C
d = Feedback Lever (YT-3400L): 1, 2, 3 or 4
e = Feedback Lever (YT-3400R): 1, 2, 3, 4 or 5
f = Connection Type: 1 or 2
g = Communication: 0 or 2
h = Option: 0, 1, 2 or 3

YT-3410 abcdefgh. Smart Valve Positioner

XP/II/1/ABCD/T6 Ta= -40°C to + 70°C, T5 Ta= -40°C to +80°C;
I/1/AEx db/IIIC/T6 Ta= -40°C to +70°C, T5 Ta= -40°C to +80°C;
DIP/II, III/1/EFG/ T6 Ta= -40°C to +70°C, T5 Ta= -40°C to +80°C;
21/AEx tb/IIIC/T85°C Ta= -40°C to +70°C, T100°C Ta = -40°C to +80°C; IP66.

a = Motion Type: L or R
b = Acting Type: S or D
c = Explosionproof: C
d = Feedback Lever (YT-3410L): 1, 2, 3 or 4
e = Feedback Lever (YT-3410R): 1, 2, 3, 4 or 5
f = Connection Type: 1 or 2
g = Communication: 0 or 2
h = Option: 0, 1, 2 or 3

YT-3450 abcdefgh. Smart Valve Positioner

XP/I/1/ABCD/T6 Ta= -40°C to +70°C, T5 Ta= -40°C to +80°C;

I/1/AEx db/IIIC/T6 Ta= -40°C to +70°C, T5 Ta= -40°C to +80°C;

DIP/II, III/1/EFG/ T6 Ta= -40°C to +70°C, T5 Ta= -40°C to +80°C;

21/AEx tb/IIIC/T85°C Ta= -40°C to +70°C, T100°C Ta = -40°C to +80°C; IP66.

a = Motion Type: L or R

b = Acting Type: S or D

c = Explosionproof: C

d = Feedback Lever (YT-3450L): 1, 2, 3 or 4

e = Feedback Lever (YT-3450R): 1, 2, 3, 4 or 5

f = Connection Type: 1 or 2

g = Communication: 0 or 2

h = Option: 0, 1, 2 or 3

Equipment Ratings:

Explosionproof for Class I, Division 1, Groups A, B, C and D T6/T5; Flameproof for Class I, Zone 1, AEx db IIC T6/T5; Dust-ignitionproof for Class II/III, Division 1, Groups E, F and G, T6/T5; and Protection by Enclosure for Zone 21 AEx tb IIIC T85°C/ T100°C Hazardous (Classified) Locations, with an ingress protection rating of IP66.

FM Approved for:

Young Tech Co., LTD
#3022, Hagun-ri, Yangchon-myeon,
Gimpo Si, South Korea



Member of the FM Global Group

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 3616	2011
Class 3810	2005
ANSI/IEC 60529	2004
ANSI/ISA 60079-0	2013
ANSI/ISA 60079-1	2013
ANSI/ISA 60079-31	2013

Original Project ID: 3053561

Approval Granted: October 6, 2015

Subsequent Revision Reports / Date Approval Amended

Report Number	Date	Report Number	Date
---------------	------	---------------	------

FM Approvals LLC

J.E. Marquedant
Manager, Electrical Systems

6 October 2015

Date

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