




No. 2017-B0-0017

Safety Certificate

Duon System Co., Ltd.

298-29, Gongdan-ro, Gunpo-si, Gyeonggi-do, Korea

The following product produced by the above company has been authorized for the use of the Mark  as the product has satisfied the safety and health standards stipulated in the article 34 of Industrial Safety and Health Law.

PRODUCT

Level Transmitter

TYPE · MODEL/CAPACITY · GRADE/CERTIFICATION NO

TYPE · MODEL

ALT6400 Series

CERTIFICATION NO.

17-AV2B0-0017

CAPACITY · GRADE

12.5 ~ 45 Vdc, Ta= -20°C ~ +60°C, Max. Tp=120°C

Ex d IIC T3 IP66

SAFETY CERTIFICATION STANDARDS

Notification No. 2013-54 of the Ministry of Employment and Labor

CERTIFICATION CONDITION

Rear Reference

DATE: JAN. 05. 2017

Signature

Lee, Young Soon

President of Korea Occupational Safety and Health Agency



CERTIFICATION CONDITIONS

1. Manufacturing Location : "298-29, Gongdan-ro, Gunpo-si, Gyeonggi-do, Korea"

2. Description

This level transmitter is designed to type of protection 'd' and can be used in explosive gas atmosphere(IIC) where can be classified as Zone 1 or Zone 2 hazardous area.

3. The scope of this certificate:

ALT6400 - L * * * * * K1 * * * - *
 1 2 3 4 5 6 7 8 9 10

No.	Model	Description
1	ALT6400	Smart Float Type Level Transmitter
	Code	Measurement
	-L	Level
2	Code	Process Connection Size
	A31	3" ANSI, #150 A33 3" ANSI, #300 A36 3" ANSI, #600
	A41	4" ANSI, #150 A43 4" ANSI, #300 A46 4" ANSI, #600
	J81	JIS 80A, 10K J82 JIS 80A, 20K J10 JIS 100A, 10K
	J11	JIS 100A, 20K
3	Code	Process Connection Material / Type
	S1	STS304 / RF S2 STS304(6t) / FF S3 STS316 / RF
	S4	STS316(6t) / FF PV STS304 with PVC / FF T1 STS304 with PTFE / FF
	T2	STS304 with PTFE / RF T3 STS316 with PTFE / FF T4 STS316 with PTFE / RF
4	Code	Sensor Pipe Material / Max. Process Temperature
	A	STS304 / 150℃ B STS316 / 150℃ C STS304 with PVC / 60℃
	D	STS316 with PVC / 60℃ E STS304 with PTFE / 150℃ F STS316 with PTFE / 150℃
5	Code	Output Signal
	A0	4-20mA, HART A1 4-20mA, HART, HIGH-LOW ALARM(NPN Open Collector)
6	Code	Cable Entry Size
	1	1/2-14NPT 2 G1/2
7	Code	Hazardous Location Certifications
	K1	KOSHA Flameproof Approval(Waterproof : IP66)
8	Code	Housing
	NON	Aluminum Alloy ST Stainless Steel
9	Code	Option
	NON	Blind Type M1 LCD Indicator(5digit)
10	Code	Sensor Pipe Length (500~3,000mm)

4. Conditions for safe use.

· N/A

5. Certification (change) information

· N/A

6. Other details

· Manufacturer shall produce products that are same as the samples, submitted to the certification body.