



안 전 인 증 서

(주) 와이즈산전

경기도 용인시 기흥구 덕영대로 2022(상갈동)

위 사업장에서 제조하는 아래의 품목이 산업안전보건법 제34조 및 같은 법 시행규칙 제58조의4제4항에 따른 안전인증 심사 결과 안전·보건 기준에 적합하므로 안전인증표시의 사용을 인증합니다.

품 목

Temperature Sensor (Thermocouple, RTD)

형식·모델/용량·등급/인증번호

형식·모델	인증번호
R95X(ETR10*)	11-AV2BO-0108

용량·등급	Ex ia IIC T6 $U_i = 30 \text{ V}$, $I_i = 100 \text{ mA}$, $P_i = 750 \text{ mW}$, $C_i = 0.1 \text{ nF}$, $L_i = 0.01 \text{ mH}$, $T_{amb} : -40^\circ\text{C} \sim +65^\circ\text{C}$ 동일형식 뒤쪽참조
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인 증 기 준

방호장치 의무안전인증 고시(고용노동부고시 제2016-54호)

인 증 조 건

(뒤쪽)참조

2017년 04월 10일

2011.05.06 최초 교부 2013.05.24 동일형식
2017.04.10 동일형식

한국산업안전보건공단



【별지 제5호서식】

동일형식 일괄 품목

(뒤쪽)

사업장명		(주)와이즈산전		개정일자 및 번호		2017.04.10(2)		인증번호		11-AV280-0108	
동일형식 인정범위 및 내역											
형식 및 모델	Base Model	Head의 형태	온도측정소자 타입	시스재질	Sheath 외경	전선인입부 사이즈	제품의 형태에 따른 구성품	접속부 사이즈 및 재질	삽입길이	Lead Wire 재질	Option
R95A : Single Element (KCS Ex ia) R95B : Double Element (KCS Ex ia)	A : Single entry head type B : Dual entry head type C : Single entry head type & Spring load type D : Dual entry head type & Spring load type E : Single entry head type & Remote mounting with terminal head type F : Dual entry head type & Remote mounting with terminal head type G : Extended lead wire type H : Extended lead wire with steel armored tube type	K : K type thermocouple E : E type thermocouple Q : Pt100Ω resistance thermometer - 3 wire type V : Pt100Ω resistance thermometer - 4 wire type	1 : 316SS 2 : Inconel 600 3 : 310SS 6 : 321SS 7 : 316LSS	D9 : 3.2 mm E9 : 4.8 mm F9 : 6.4 mm G9 : 8 mm	1 : 1/2" PF 2 : 1/2" PT 3 : 1/2" NPT 4 : 3/4" PF 5 : 3/4" PT 6 : 3/4" NPT 7 : M20 x 1.5 8 : None	A : None with terminal head type & Extended lead wire type only P : Com. fitting Type Remote mounting with terminal head & Extended lead wire type only Q : 100mm(Nipple union nipple) - Extended direct mounting with terminal head type R : 150mm(Nipple union nipple) - Extended direct mounting with terminal head type U : 100mm(Nipple) - Extended direct mounting with terminal head type V : 150mm(Nipple) - Extended direct mounting with terminal head type	A : None E : 1/2" NPT & 304SS F : 3/4" NPT & 304SS R : 1/2" NPT & 316SS S : 3/4" NPT & 316SS	A : 100mm B : 200mm C : 300mm D : 400mm E : 500mm F : 600mm G : 700mm H : 800mm J : 900mm K : 1000mm	A : PVC B : Teflon C : Non-asbestos X : None Y : Accessories & Head material - ALDC Z : Accessories & Head material - 316SS	0 : None 1 : Accessories 2 : Head material - ALDC 3 : Head material - 316SS 4 : Accessories & Head material - ALDC 5 : Accessories & Head material - 316SS	

- 210mm×297mm [일괄용지 60g/㎡]

No. 2011-BO-0108-3



Safety Certificate

WISE Control Inc.

2022, Deogyong-daero, Giheung-gu, Youngin-si, Gyeonggi-do, Republic of 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

Temperature Sensor(Thermocouple, RTD)

TYPE · MODEL/CAPACITY · GRADE/CERTIFICATION No

TYPE · MODEL
R95X(ETR10*)

CERTIFICATION No.
11-AV2B0-0108

CAPACITY · GRADE

Ex ia IIC T6
Ui = 30 V, li = 100 mA, Pi = 750 mA
Ci = 0.1 nF, Li = 0.01 mH
Tamb: -40°C ~ +65°C

SAFETY CERTIFICATION STANDARDS

Notification No. 2016-54 of the Ministry of Employment and Labor

CERTIFICATION CONDITION

See the (Rear page)

DATE : APR. 16. 2018

MAY. 06. 2011(Original issue)

Signature

President of Korea Occupational Safety and Health Agency

Detail of Variant

Manufacturer		WISE Control Inc.		Reissue Data(No.)		2017.04.16.(3)		Certificate No.		11-AV2BO-0108	
Type (Model)	Base Model	Head	Sensor	sheath material	Sheath Dia'	Cable Entry	Mounting	Thread	Length	Lead Wire	Option
95* (ETR10)	R95A : Single Element (KCS Ex ia)	A : Single entry head type	K : K type thermocouple	1 : 316SS	D9 : 3.2 mm	1 : 1/2" PF	A : None - Remote mounting with terminal head type & Extended lead wire type only	A : None	A : 100mm	A : PVC	0 : None
	R95B : Double Element (KCS Ex ia)	B : Dual entry head type	E : E type thermocouple	2 : Inconel 600	E9 : 4.8 mm	2 : 1/2" PT	P : Com. fitting Type - Remote mounting with terminal head & Extended lead wire type only	E : 1/2" NPT & 304SS	B : 200mm	B : Teflon	1 : Accessories 2 : Head material - ALDC
		C : Single entry head type & Spring load type	Q : Pt100Q resistance thermometer - 3 wire type	3 : 310SS	F9 : 6.4 mm	3 : 1/2" NPT	Q : 100mm(Nipple union nipple) - Extended direct mounting with terminal head type	F : 3/4" NPT & 304SS	C : 300mm	C : Non-asbestos	3 : Head material : 316SS
		D : Dual entry head type & Spring load type	V : Pt100V resistance thermometer - 4 wire type	6 : 321SS	G9 : 8 mm	4 : 3/4" PF	R : 150mm(Nipple union nipple) - Extended direct mounting with terminal head type	R : 1/2" NPT & 316SS	D : 400mm	X : None	4 : Accessories&Head material - ALDC
		E : Single entry head type & Remote mounting with terminal head type		7 : 316LSS		5 : 3/4" PT	S : 100mm(Nipple union nipple) - Extended direct mounting with terminal head type	S : 3/4" NPT & 316SS	E : 500mm		5 : Accessories&Head material - ALDC
		F : Dual entry head type & Remote mounting with terminal head type				6 : 3/4" NPT	U : 100mm(Nipple) - Extended direct mounting with terminal head type	U : 100mm(Nipple) - Extended direct mounting with terminal head type	F : 600mm		Accessories&Head material : 316SS
		G : Extended lead wire type				7 : M20 * 1.5	V : 150mm(Nipple) - Extended direct mounting with terminal head type	V : 150mm(Nipple) - Extended direct mounting with terminal head type	G : 700mm		
		H : Extended lead wire with steel armored tube type				8 : None			H : 800mm		
									J : 900mm		
									K : 1000mm		