

# UNIVERSAL INPUT HEAD MOUNTED TEMPERATURE TRANSMITTER (TR- 213)



## TECHNICAL SPECIFICATIONS :

INPUT TYPE ( Selectable Input & Temperature Range using free configuration software )	Selectable RTD Pt - 100, Cu-50 THERMO COUPLE - B, E, J, K, N, R, S, T
COLD JUNCTION COMPENSATION TEMP SCOPE	-20 ~ 60 °C
COMPENSATION PRECISION	± 1°C
OUTPUT SIGNAL	4 -20 mA, 2 Wire
LOAD RESISTANCE	RL<(Ue12)/0.021
OUTPUT CURRENT OF UPPER AND LOWER LIMIT ALARM	IH-21mA, IL = 3.8 mA
POWER SUPPLY VOLTAGE	DC 12 - 40V
TRANSMISSION PRECISION(20 °C)	0.1 % FS
TEMPERATURE DRIFT	0.01 % FS/°C
RESPONSE TIME	REACH TO 90% OF THE FINAL VALUE IN 1sec
USED ENVIRONMENTAL TEMPERATURE	-40 ~ 80 °C
STORAGE TEMPERATURE	-40 ~ 100°C
CONDENSATION	ALLOWABLE
PROTECTION LEVEL	IP00 ; IP66 (INSTALLATION)
ASEISMICITY	4g/2 ~ 150Hz
INSTALLATION ANGLE	UNLIMITED
INSTALLATION AREA	B- TYPE TOP CASSETTE INSTALLATION
ELECTROMAGNETIC COMPATABILITY	CONFIRM TO GB/T18268 INDUSTRIAL EQUIPMENT APPLICATION REQUIREMENTS

## INPUT TYPE TABLE :

MODEL	TYPE	MEASUREMENT RANGE	MIN. MEASUREMENT RANGE DIFFERENTIAL
RESISTANCE TEMP DETECTOR (RTD)	Pt-100	-20 ~ 850 °C	10 °C
	Cu-50	-50 ~ 150 °C	10 °C
THERMO COUPLE ( TC )	B	400 ~ 1820°C	500 °C
	E	-100 ~ 1000°C	50 °C
	J	-100 ~ 1200°C	50 °C
	K	-180 ~ 1372°C	50 °C
	N	-180 ~ 1300°C	50 °C
	R	-50 ~ 1760°C	500 °C
	S	-50 ~ 1760°C	500 °C
	T	-200 ~ 400°C	50 °C
	Wre3-25	0 ~ 2315°C	500 °C
	Wre5-26	0 ~ 2310°C	500 °C

(An ISO 9001-2015 Certified Company)

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