KC Temperature Transmitter



FEATURES

- Up to 3 installation and output options available.
- New Industrial appearance fast installation design, suitable for quick installation.
- Imported Heraeus A-level sensor, high precision, fast response, low temperature drift.
- Excellent anti-interference ability, CE certification, IP65, RoHS

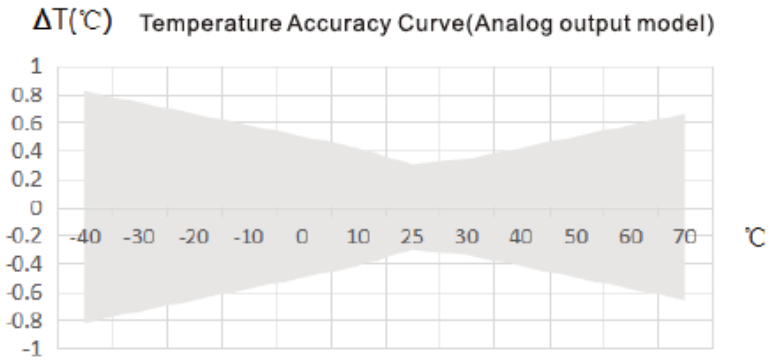
DESCRIPTION

KC Temperature Transmitter is a transmitter specially designed for industrial applications. It is specially designed for lightning surge, electrostatic discharge and group pulse pressure, and has strong anti-interference ability. There are three installation, methods: wall hanging, air duct and water pipe. Three output modes of current, voltage and thermal resistance are optional, strong site installation adaptability. The spring screw/terminal design is suitable for quick installation. It can be widely used in HVAC, buildings, warehouses and other places where temperature detection is required.

SPECIFICATION

Sensor	High-precision thermal
Output	For resistance value, see Order Reference No. And Thermal Resistance indexing table/4-20mA or 0-10VDC, 0-5VDC
Thermal Resistance	See Order Reference No. and Thermal Resistance Indexing Table
Accuracy	Typical 0.2-0.5^{0}C@0/25^{0}C, see Order Reference No. +0.3^{0}C@25^{0}C, see Temperature Accuracy Curve for details
Power Supply	Voltage type 15-35VDC/24VAC±20%
	Current type 18.5-35VDC (RL=500Q) 8.5-35VDC (RL=O)
Output Load	(Analog output type): ≤500Q (current type), ≥ 2kQ (0-5V), ≥3KQ (0-10V)
Shell Material	PC housing, stainless steel probe (6MM) and sleeve
Working Environment	-40-70^{0}C, 0-95%RH (non-condensing)
Protection Level	IP65

TEMPERATURE ACCURACY CURVE

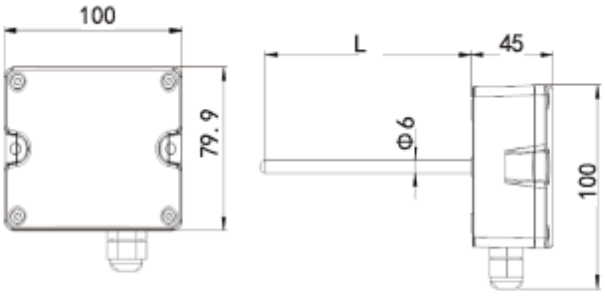


ORDER REF. No.

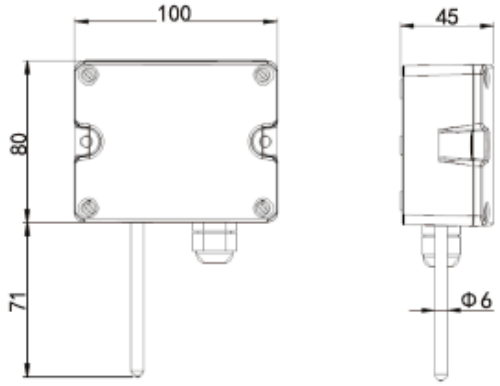
Code and description				Remark
KC-WT	Wall Mounted Temperature Transmitter			Model
KC-DT	Duct Type Temperature Transmitter			
KC- PT	Water Pipe Type Temperature Transmitter			
	V	0~10VDC(3-wire)		Temperature Input
	A	4~20mA(2-wire)		
	P	PT1000, ±0. 2˚C@0˚C		
		0	65MM	Probe length
		1	100MM	
		2	200MM	
		3	150MM	
		8	Others (Customer specified)	
KC-DT	P	1		Selection Example

1.Example KC-DTP1 represents the duct type, the temperature output is PT1000 and the probe length is 100MM.

DIMENSION



▲ KC-DT/KC-PT
Duct/Pipe Type



▲ KC-WT
Wall Mounted Type