

HR6200 Plug-in Temperature Transmitter

General

HR6200 plug-in temperature transmitter uses imported temperature sensor, which could transform RS485 or 4~20mA standard signal by build-in microprocessor. It adopts 316L stainless steel housing, temperature probe on the front end, we can also customize it for our clients as required.

It can be used in many applications to measure temperature.

Features

- High accuracy and precision;
- RS485 standard MODBUS-RTU protocol, anti-reverse connection, anti-surge and over voltage protection
- 5-30V power supply

Specification

Main performance specification	
Accuracy	$\pm 0.1^{\circ}\text{C}$; $\pm 0.2^{\circ}\text{C}$
Resolution	0.01 $^{\circ}\text{C}$
Range	-45~150 $^{\circ}\text{C}$
Output frequency	1s
Working temp.	-45~130 $^{\circ}\text{C}$
Storage temp.	-50~150 $^{\circ}\text{C}$
Electrical Specification	
Power supply	24VDC (5~30V)
Communication interface Protection	(2KV) surge protection

Load	32 node
Output method	RS485 interface ,MODBUS-RTU protocol
Construction Specification	
Housing material	304 or 316L stainless steel
Cable material	PVC or PU
Probe Weight	About 100g
Protection level	IP65

Electric connection

No.	Color	Definition
1	Red	24V+
2	Blue	RS485+
3	Green	RS485-
4	Yellow	GND

Order Guide

HR6200	Temperature Transmitter				
	Range				
	[0~X°C] L	L: Cable length			
		Code	Output Signal		
		Q	RS485		
		T	Agreement		
		Code	Others		

				C1	M20×1.5 male, face type seal
				C2	M20×1.5 male, waterline seal
				C3	G1/2 male(flush diagram)
				DX	Dimension(mm)
				B1	Hirschmann plug connection
				B2	Cable connection, default cable length: 1.5m
HR6200	[0 ~ 100℃]50	Q		C1D8B2	Full model example