

ZS-MT-2 Model Temperature and humidity cable Product description

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ZS-MT-2

[Multipoint disabuse display cable]

Medium standard temperature and humidity cable (multi-point, long distance)

The multipoint measurement of the temperature and humidity

tensile resistance > 350kg

500M Long distance transmission

Double wire can mount up to 100 points

application environment

It is mainly used to measure multi point at -50 to 85 degrees. 0.5°C Temperature values above accuracy, and humidity with accuracy above 3%

It is applicable to (1) grain silos below 15m, or temperature measurement of grain bungalow warehouse (2) tobacco temperature measurement (3) wine cellar temperature measurement (4) ambient temperature measurement and humidity need certain resistance to bow degree, or multi-point temperature measurement and humidity occasions.

It is not recommended in the following environment: (1) scenes with high impact force (2) scenes with high tensile strength requirements (3) scenes with being fully immersed in water (4) occasions with strong electromagnetic interference

(5) occasions where the temperature is maintained or exceeded at 80 degrees Celsius for a long time (6) occasions where long distance temperature measurement is required.

Basic parameter description

1. Cable insulation outer sheath material: high pressure polyethylene (good compressive and wear resistance)
2. Cable inner core: double copper wire + tensile steel wire
3. Temperature measuring chip: integrated version (main temperature and humidity sensor is made from Swiss SHT company) (convert I2c signal to 1-WIRE signal, and add two register storage position values)
4. Chip temperature and humidity precision: $<\pm 0.5^{\circ}\text{C}$ (temperature) M / oRH (wet knowledge)
5. chip temperature and humidity range: -4°C to 125°C (temperature) 0-100; 3

RH (shading.bones of the body:

6. Recommended cable service environment: -30° (: to 85°C
7. Chip acquisition method: double-line system (parasitic mode)
8. Line core color: no color edge is GND line, with color edge is DQ line.
9. Cable number: customizable cable number storage, layer number storage, sorted value in memory.
10. Resistance parameters:> 350KG
11. Operating voltage: 3-5.5 VDC
12. Minimum two interval: 20cm

design feature

This product is a plastic external protective couple with three internal core wires (one of which is a tensile steel field internal core). The bottom head uses the injection molding process to treat the tail die-cast steel wire ring for easy use. Signal inner core and ground wire inner core use twisted pair treatment to effectively offset the external electromagnetic interference, and the mutual interference of internal signals. Internal built-in temperature and humidity integrated circuit board.

Compare with similar domestic products

	Metaphysic s ZS-mt-2	Ordinary temperature and humidity probe	Genera l measur	485 Integrated temperature	The spike ZS-MT-7
Multi-point support		deny	yes	yes	
transmission distance	More than 500m	Less than 30m	greater than	Small for the T 150m	din 500 m
Humidity monitoring	support	support	nonsuppo rt	support	support
Anti-tensile parameters	>350KG	- -Prano> 50KG	>200kg	Generally not	>5000KG
Stability energy	stubborn	weak (vulnerable to distance and " disturbance ')	stubborn	same as (Easy to pressure difference,	stubborn
Packaging method	Package with cable	The front end individually packages the	Inside the cable,	Single probe, separate packaging,	Stainless steel head external ringcut diecast.
Whether built-in number (easy location	Two numbers)	deny	Yes (two numbers can be	deny	Yes (two numbers can be written)

Comparison with similar foreign products

	The spike	Canada,OPI	Taiwan FineTek	Swedish Li ros	US, INTELLIFARMS	The spike ZS-MT-7
Multi-poin t support	yes		yes		yes	yes
Temperature and humidity	Self-resear ch	Self-resea rch	not have	not have		Self-research
Humidity monitoring	support	support	nonsupp ort	nonsuppor t	support	support
Packaging method	Spoon " the cable	With electric wei whole			Package with cable	With cable overall alum dress
Whether you can have a built-in number	Yes (two numbers can be	Yes (two numbers can be			Yes (two numbers can be written)	Yes (two numbers can be written)
Anti-tensi le parameters	>350KG	>600KG			>600KG	>5000KG