JNC

防水型 RS-485 多功能訊號傳訊器

Waterproof RS-485 Multi-Input Transmitter

PT485

[Features]

- Selectable PT100, 4-20mA or dry-contact (DI) input.
- Converts the input signal to RS-485 communication.
- Up to 32 transmitters can share one bus for easy installation.
- Compatible with 2- and 3-wire PT100 sensors.
- Compact, cable-like body; no fixed mounting position required.
- IP65 waterproof and dustproof rating.
- Wide DC 9~36V input suits a variety of applications.
- DI mode provides pulse counting and trigger-duration measurement.
- Debounced counter design prevents miscounting.



[Applications] Busbar & multi-point temp. monitoring, data logging, 4-20mA to RS-485

[Model Selection] PT485-Code 1

Code 1	Signal Input
PT100	2- or 3-wire PT100 probe
420	4~20 mA
DI	Dry contact

[Specifications]

Power	DC 9~36V, consumption ≦ 0.5W	
Environment	Operating temp.	-20~80℃, RH100% non-condensing
	Storage temp.	-30~90℃, RH100% non-condensing
Communication	Interface	RS-485
	Protocol	Modbus RTU
Signal Input	Analog input	1× PT100 or 4-20mA
	Digital input	1× dry contact
	PT100 range	-100~300℃
	Accuracy	±0.3℃
Physical	Dimensions (mm)	174 x 50 x 35 (WxHxD)
	Weight	< 0.10kg
	Housing	ABS
	Protection	IP65

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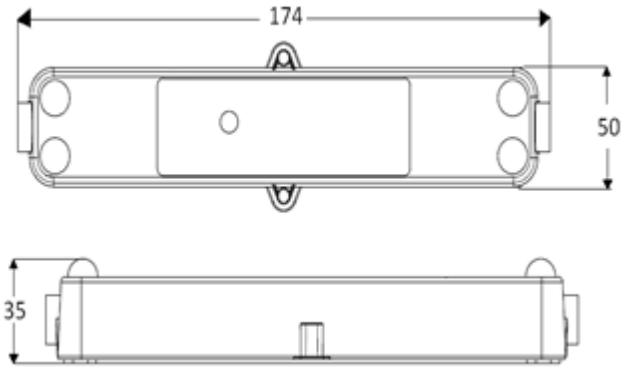
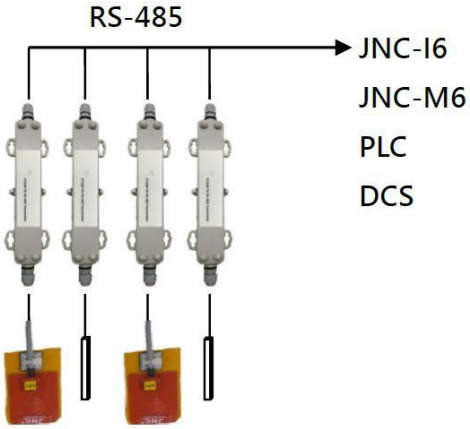
[Dimensions] Unit: mm



[System Diagram]



※ Optional accessory
[Mounting Accessories]

Model	Contents	Specification	Picture
ETM Magnet mount kit	Stud magnets ×4 Flange nuts ×4	Size: Ø14×H12mm Thread: M4×L5mm	