

Energom-WSDP

RS485

Temperature transducer

Description

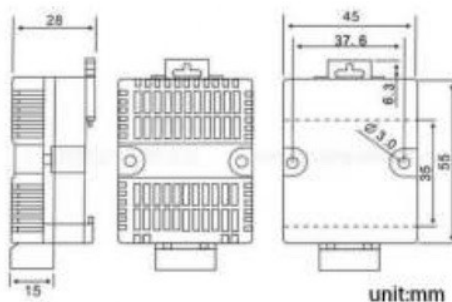
Energom-WSDP is a very reliable temperature and humidity transducer; it for multi-use of measurement application.

ABS enclosure with vents, can be directly installed on the rail. Energom-WSDP support standard Modbus-RTU protocol, can easy access existing SCADA system.

Features

- Industrial-grade MCU and high precision sensor.
- Realize low-temperature and humidity status online monitoring.
- RS485 communication port, MODBUS-RTU protocol.
- Wide Range non-polar DC Auxiliary Power Supply.

Dimension



Technical characteristics

Working power

Power supply	9~28VDC (default DC12V) Accept customized power range
Consumption	<0.1W

Measurement and ability

Temperature range	WSDP-1: -40-80°C WSDP-2: -20-60°C WSDP-3: 0-50°C
Humidity range	0-100% RH
Accuracy	Temperature: $\leq \pm 0.3^\circ\text{C}$ @25°C Humidity: $\pm 3\% \text{RH}$ @(20-90%RH, 25°C)
Response	Less than 2sec

Communication

Port	RS485 MODBUS-RTU
Baud Rate	9600
Default address	1

Other

Enclosure material	ABS
Dimensions	65*46*29mm (L*W*H)
Installation method	Din-rail installation (standard 35mm)

Other styles

