ARK-8033M

3-Channel Differential Thermal Resistor Input Data Acquisition Module

Specifications and Features

Serial Port

Communication Mode: RS-485
Port: 2-line
Speed (bps): 300 ~ 115.2K
Communication Distance: 1200m/9600bps
Supported Protocol: Modbus RTU Protocol

Analog Input Port

Channel: 3-Channel Thermal Resistor Differential Input Channel (Pt, Cu)
Connecting Mode: 2/3/4-line RTD
Type of Thermal Resistor: Pt100a=0.00385 Pt100a=0.003916 Cu50 Cu100
Sampling Speed: 10sps
Analog Precision: ±0.05% FSR
Isolation Voltage: 3000VDC

Power

Power: 10V ~ 30V

Other Function

Double Watchdog Timers

General Specification

Power Consumption: <1.5W
Operating Temperature: -25℃ ~ 75℃
Storage Temperature: -40℃ ~ +80℃

Ordering Information

Part Number	Model Number	Description

The images are for reference only, and all product specifications are subject to change without notice.