AE series

display meter

Feature:

• 5-bit nib display display range (-19999-65535).
•Nonlinearity less than 0.1%F.S+2C.
• Includes 16-bit AD chip, 50ms refresh output display. • With 1 analog output outlet, or 485/232 communication port.
• Optional 2 relay or 4 transistor switching output.
• Internal parameters are programmable and current values can be cleared to zero.

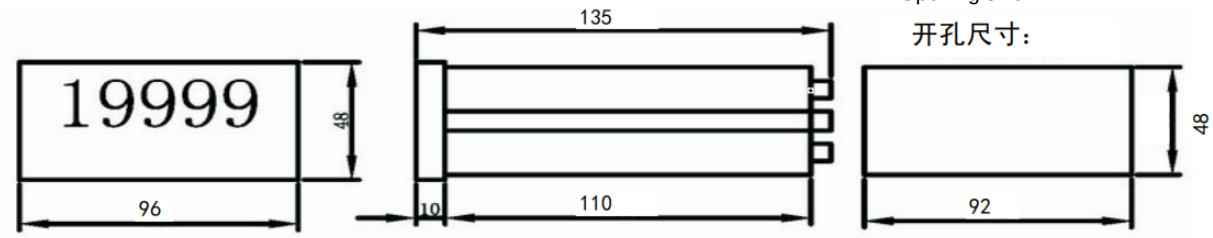
Details:

• Installation mode Open holes on the panel or L-shaped support • Power supply 220 V AC (24V optional)
• Power isolation transformer conversion, internal integrated sensor power supply module • EMC three-level circuit design

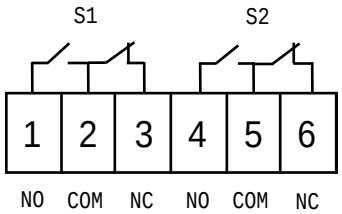
Usage:

• Collect measurement data
• Quality management, industry
• Experimental analysis, mechanical manufacturing, digital display system

Dimension:

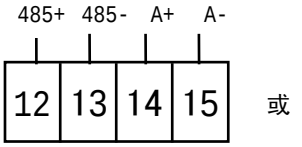


Wiring:

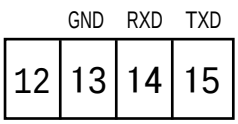


上排绿色功能端子:

Green function terminals in the upper row:



或

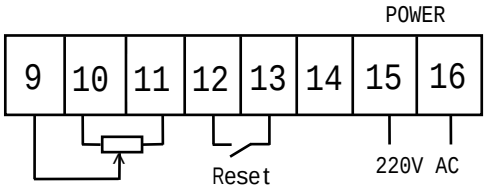


RS232

13接DB9第5脚 "13" connect to "5" from "DB9"
14接DB9第2脚 "14" connect to "2" from "DB9"
15接DB9第3脚 "15" connect to "3" from "DB9"

Bottom input terminal sequence: Potentiometer input

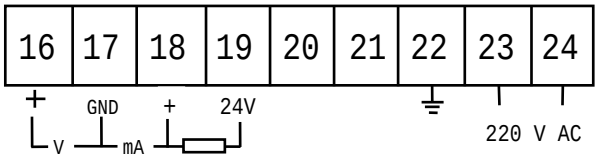
下排输入端子顺序：电位计输入



* If the meter display value counting direction is reversed, the 10 and 11 terminal lines can be changed to each other to correct.

下排输入端子顺序：电流（4-20）mA 2线、3线（0-10)V 输入

Bottom input terminal sequence: Current 4-20mA 2 wire, 0-10V 3 wire input



Note: The function of zeroing any point is related to the setting of the relay alarm point (if you have any questions, please contact the technical support department before ordering).
1. "Zeroing without movement" is also known as "absolute zeroing" (standard)
When zeroed at a certain position, the new alarm point position value is the set value of S1, S2, S3, and S4 minus the displacement of the zeroing point; the set value remains unchanged relative to the absolute zero position.
2. "Zeroing with movement" is also known as "relative zeroing" (optional)
When zeroed at a certain position, the new alarm point position value is the set value of S1, S2, S3, and S4 that remains unchanged; the set value remains unchanged relative to the absolute zero position.Note: The function of zeroing any point is related to the setting of the relay alarm point (if you have any questions, please contact the technical support department before ordering).
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Parameters:

Working voltage	220V AC (24V DC can be customized)
Display range	-19999-65535
Interface	RS485 / RS232
Working Mode	Modbus RTU
Slope detection	option (dual displacement sensor input, display difference)
Input interface	Input potentiometer (0-20)KΩ, (analog can be customized)
Protection Class	IP55 (Front panel)
Input isolation	The input and communication loop are isolated at 1000V
Application range	displacement, Angle display system
Refresh speed	50ms
Dimensions	96 x 48 x 135mm
Weight	about 0.4Kg without packing
Installation mode	Open holes on the panel or support
work temperature	-10+55℃;
Work humidity	<65% (no condensation)

Instructions:

AE - XX - X - X

系列名
series

output function:
输出功能：
A1： DC 4-20 mA
A2： DC 0-20 mA
V1： DC 0-10 V
V2： DC 0-5V
R2： RS232
R5： RS485
NA： 无输出

NA: no output

报警点：
S：带2路继电器输出
D：带4路继电器输出
N：不带开关输出

alarm point:
with two relay outputs
with four relay outputs
no switched output

power supply:
电源：
A：AC 220 V
B：AC 110 V
O：DC 24 V（客户要求）

(customized)