

LCD Hirschmann Meter Head User Manual



1. Specifications:

- 1) Display mode: LCD + backlight (white/green backlight);
- 2) LCD four-and-a-half-digit display,
-1999~19999 can be set arbitrarily;
- 3) Internal Resolution: 16-bit AD;
- 4) Accuracy: 0.1%;
- 5) Output signal (optional): 4-20mA/0-10v;
- 6) RS485 communication (MODBUS RTU);
- 7) Ambient temperature: -20~70°C;
- 8) Temperature Drift: <50ppm;
- 9) Voltage drop: <3.5VDC;
- 10) Sampling rate: 4 times/s;
- 11) Working power reverse polarity protection
Overcurrent protection (over 30mA current limit);
- 12) 25 units of pressure, temperature, etc. can be freely set;
- 13) Protection class: IP65;

2. Menu Description (Customer Mode)

- 1) After power on, press the S key first, then press the up key to enter the setting password;
- 2) Up key to modify numbers, down key to shift;
- 3) Client mode menu password: 00006;

Customer mode menu		Operation steps	Parameter Description
Unit	unit	Press S to enter ▲ ▼ to select unit Press OK confirm and exit	KPa,MPa,Pa,Bar,m-Bar,PSI,°C,F,kg/cm ² ,atm,mmHg,mH2O,m,mm,mm,V,m-V,A;mA;
dot	Decimal point	Press S to enter ▲ ▼ to Decimal point shift Press OK confirm and exit	
Zero	Lower limit of range	Press S to enter ▲ to change ▼ to shift Press OK confirm and exit	
NEG	Range symbol	Press S to enter ▲ ▼ to change symbol Press OK confirm and exit	'-1.0': the lower limit of the range is negative; '1.0': the lower limit of the range is positive
FULL	Upper range	Press S to enter ▲ to change ▼ to shift Press OK confirm and exit	
NEG	Range symbol	Press S to enter ▲ ▼ to change symbol Press OK confirm and exit	'-1.0': the lower limit of the range is negative; '1.0': the lower limit of the range is positive
bias	Deviation compensation	Press S to enter ▲ to change ▼ to shift Press OK confirm and exit	Set the inverse of the deviation between the displayed value and the actual value to compensate for the displayed deviation
Save	Save Settings	Press S to enter ▲ ▼ to select YES / NO Press OK confirm and exit	Any parameter modification needs to be saved, otherwise it is invalid
End	Exit menu	Press S to exit	

Note 1: -1.0 means the range sign is negative; 1.0 means the range sign is positive.

Note 2: This parameter can compensate the deviation between the displayed value and the actual value. For example, the displayed value is 10.05, and the zero point correction is set to -0.05, then the displayed value after compensation is 10.00.