









AA	10	BBBB	0002	CCCC
postal Addr.	function code	start Addr.	modify register number	CRC checksum value

When setting parameters, the password setting value should be set to 01111 (decimal)

8.2.8 Command case: Nulling

Sent

AA	10	BBBB	0002	04	Data	CCCC
postal Addr.	function code	start Addr.	modify register number	parameter bytes	write parameter value	CRC checksum value

When BBBB is 4604/460A (hexadecimal) (measured value, peak-valley value and process variable reset) or 4608/460E (hexadecimal) (peak-valley value and process valum), Data is 00000000.

Response

AA	10	BBBB	0002	CCCC
postal Addr.	function code	start Addr.	modify register number	CRC checksum value

9. Comman problem and ground

The error message displayed by the instrument prompts,see 【7. function and relevant parameter Remark】

Phenomenon and Analysis:

Phenomenon: When the instrument displays the mV value in the calibration state, the display overflows ol., or the word skips frequently, or the displayed value does not change. Solution: Check if the sensor connection is normal

Phenomenon: The instrument shows frequent restarts.

Solution: 1. Short-circuit the sensor excitation voltage (EXC+ and EXC-) by mistake, and the short-circuit time is too long may cause permanent damage to the instrument.

2. The load of the excitation output power supply (EXC+, EXC-) is too large, please reduce the load.

3. If the excitation output is damaged, the excitation output pin can be tested. If there is any abnormality, please return to the factory for repair

10.Specification

Basic specification

Item	specification	
power supply DC power	10-24V DC	
Consumed Power DC power	DC: 5W below	
allow voltage fluctuation range	power supply' s 90%~110%	
Insulation Resistance	≥100MΩ (500V DC MEGA benchmark)	
Insulation Strength	2000V AC (condition: 50/60Hz, 1 minute)	
ECCM	IEC61000-4-2 (Static discharge), III class IEC61000-4-4 (Electrical fast transient burst), III class IEC61000-4-5 (in-rush), III class	
Protection class	IP65 (Front panel protection) (GB/T42-2008)	
Operating Environment	temperature	-10~50℃
	humidity	35~85 %R•H, non-condensing
	installation location	indoor, height <2000m

Input specifications

Item	specification
Load cell excitation power supply	DC 5V±2%, 100mA (MAX) 200mA (MAX) can be orderd
Input impedance	> 10MΩ
Zero adjustment range	-10~12 mV
Gain input range	1~12 mV
ADC converter type	Sigma-Delta
speed	15、120、240、480、960、1920 times/second (set by parameter)
Non-linearity	±0.05%F•S (measurement and control 15bps) (The higher the speed, the worse the nonlinearity)
gain drift	< 10 ppm / °C (The mating terminal connector must be used when connecting the sensor, otherwise the temperature drift characteristics will be degraded)
Accuracy	1 / 100000
Input signal	Proportional measurement with 4-wire strain sensor
contact input	1 point external switch quantity input, which can be used for clearing, taring, allowing comparison output, etc.

Output specification

Item	specification
Alarm output	2-point OC gate output, ≤100mA