MYPIN

DP6 sereis Precision Sensor Meter Instruction Manual

Thanks a lot for selecting MYPIN product!

Before operating this instrument, please carefully read this manual and fully understand its contents. If any probroms, please contact our sales or distributors whom you buy from. This manual is subject to change without prior notice.

Warning

Do not turn on the power supply until all of the wiring is completed. Otherwise electrical shock, fire or malfunction may result.

Do not turn on the power supply when cleaning this instrument.

Do not disassemble, repair or modify the instrument. This may cause electrical shock, fire or malfunction.

Use this instrument in the scope of its specifications. Otherwise fire or malfunction may result.

Caution

This instrument should be installed in a domestic environment.

To avoid using this instrument in environment of strong shock or concussion.

To avoid using this instrument in environment of overflow water or explosive oil.

Do not put together with large current wire to aviod electromagnetic radiation.

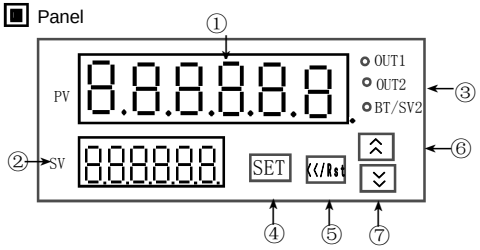
If it is a must, we suggest a individual pipe to work with.

Code Illustration

DP6 □□ - □□□□□□□□

- Input Signal: A, mA,V,mV,RT for option
- Auxiliary Power: Blank: none A: DC +12V /30mA B: DC +24V/30mA
- Communication interface: Blank: none 2: R232 4: R485
- AL3: R:relay S: SSR/LOGIC Blank::none
- AL2: R:relay S:SSR/LOGIC N:none
- AL1: R:relay S:SSR/LOGIC N:none
- Analog : Blank: none I : DC 4-20mA V:0-10V DC
- Power Supply: Blank: 90-260V AC/DC E: 18-30V AC/DC
- Size: Blank:48*96*80mm9:48*96*100mm
- DP5:5 digits DP6: 6 digits

Panel



① Measuring value/Parameter code display
② AL1/ parameter value setting
③ Input lamps: OUT1: alarm 1, OUT2:alarm 2, BT/SV2:of no use
④ Parameters Select / Confirm key
⑤ Shift key
⑥⑦ up or down key

Specifications

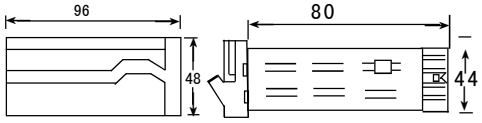
Power	80-260V AC/DC or 18-30V DC
Measuring range	-19999-99999 Demical point floating
Accuracy	0.05%F.S±2digit
Contact capacity	Relay:AC 250V/3A or 30V/5A DC
Electronmagnetic Strength	Between terminals of power and others,between terminals of output relay and others,DC 2000V Leak current 0.5mA,60s;I/O low voltage signal terminals: DC 600V Leak current 0.5mA,60s
Insulation resistance	≥100MΩ/500V DC
Ambient environment	Temperature:0-50 ℃ Humidity:≤85%RH
Sampling speed	4-16 times/sec
Dimensions	48*96*80mm

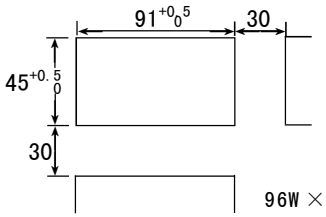
Parameters setting

1.Parameter setting: In displaying estate, press and hold SET key >3 seconds, enter/quit parameters setting menu. Short press SET key to enter next one,press <<RST shortly to modify the parameter.

2.Short-cut for decimal point setting: press <<RST key to have down green LED flashes,hold SET key and press UP or DOWN key to change the decimal point.

Dimensions





96W × 48H × 100L

Operation process

Power ON — Self check

888888 / 888888 — all LED on

Enter into displaying estate

125600 — Measuring value displaying

9000 — AL1 preset value displaying

Parameter setting(pressSET for 3 seconds to enter or quit)

SET>3S

AL1 / 9000 — Alarm 1 setting,range: -19999-99999

SET

AM1 / H — Alarm 1 mode setting, H:High output L: Low output

SET

HY1 / 0500 — AM1 hysteresis value setting. eg.Ad1=H, AL1=90,HY1=0.10 when PV≤90.00(AL1),Alarm active;when PV≥89.90(AL1-HY1),Alarm inactive.

SET

AL2 / 1000 — Alarm 2 setting,range:-19999-99999

SET

AM2 / L — Alarm 2 mode setting H: High output L: Low output

SET

HY2 / 0500 — Same as HY1

SET

PvF / 0000 — Offset value display(PVF), display value (PV)=measuring value + PVF

SET

LSP / 0000 — Input Low display setting ,Range:-19999-99999

SET

HSP / 1000 — Input High display setting,Range:-19999-99999

SET

dP / 0000 — Decimal point display setting: 0000 000.0 00.00 0.000

SET

trL / 000000 — Analog Low value setting, range:LSP≤trL≤USP

SET

trH / 1000 — Analog High value setting, range:LSP≤trH≤USP

SET

SFE / 1 — Fliter constant:can be set to 0/1/2

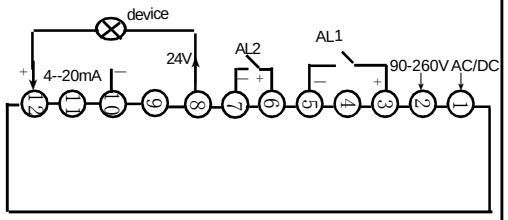
SET

Add / 1 — Communication address setting, range: 1-255

SET

LCK / 010 — LCK=000 means the parameter can be momodified. Password selection,range:0-200 LCK=010, is for read only.

Connections (If any changed, refer the label on the meter).



Complete products contains

★1 copy of user manual,
★1 inspection QC label,
★2 installing brackets,

We are responsible for the overal repairment for the failure of manufactorying quality within 12 months since the date of purchase.Repair fee will be charged accordingly for demage caused by improper use.The product has life-long warranty.

Main Products

- Timer
- Time relay
- Temperature controller
- Panel meter
- Frequency/Tacho/Line-speed meter
- Proximity sensor
- Photo-electrical sensor
- Transmitter
- Sensor meter
- Power adjustor