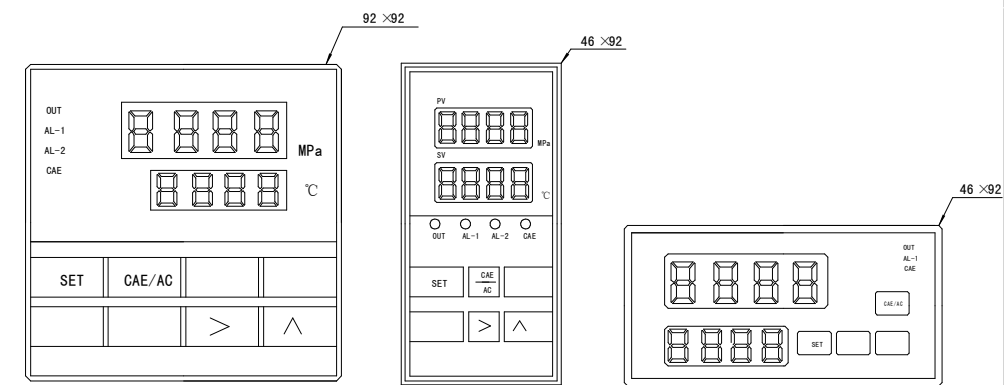


Intelligent digital double Indicator

operation manual

schematic diagram



Instrument wiring diagram

1	17	9
2	18	10
3	19	11
4	20	12
5	21	13
6	22	14
7	23	15
8	24	16

- 1、sensor signal output +
- 2 sensor power supply +
- 3、sensor signal output -
- 4、sensor power supply -
- 5、calibration;
- 6、Ground wire; (shielded wire)
- 7、temperature transducer+
- 8、temperature transducer-
- 9、AL-1pressure、current、 relay output +;
- 10、AL-1pressure、 current、 relay output -;
- 11、12、 OUT relay normally closed end;
- 12、13、 OUT relay normally open end;
- 14、15、 alternating current input end;
- 16、earth ground;
- 17、AL-2pressure、 current、 relay output +、 485 communication output A;
- 18、AL-2pressure、 current、 relay output -、 485 communication output B;
- 19、blank
- 20、AL-3pressure、 current、 relay output +;
- 21、AL-3pressure、 current、 relay output -;
- 22、23、AL-4 OUT relay normally closed end;
- 23、24、AL-4 OUT relay normally open end;

Specification

- | | |
|--------------------------------|--|
| (1). Display | Two-layer 4-digit LED display |
| (2). Resolution Ratio | 0001 |
| (3). Range | 0001—9999 Mpa(Radix point changeable) |
| (4). Accuracy | 0.2%FS $\pm$ 1 digit |
| (5). indicator lamp | calibration indicator lamp、 OUT indicator lamp、 AL1、 AL2 alarm indicator lamp |
| (6). Input | 2、 3.3 mV/V (indicate when ordering) |
| (7). Sampling speed | 4 times/ sec. |
| (8). output | 5Vdc |
| (9). Output control | linear pressure or current output with full span signal |
| (10). Master alarm output | higher limit alarm is relay output (220V 1A) higher limit alarm indicator lamp (OUT) is on |
| (11). Auxiliary output | auxiliary output can meet different output need by fitting different function modules and meter setting. For detailed information ,please refer to 1 (3) module function instruction. Assistant output can be selected. (please indicating when placing an order) |
| (12). Alarm range | 0001—9999 MPa (decimal point can be modified) |
| (13). Calibration indicator | when indicating that transducer are in 80% full span (transducer should be in state of empty) , calibration indicator lamp (CAE) is on |
| (14). Temperature and humidity | 0—55 $^{\circ}$ C , $\leq$ 80% RH |
| (15). Power supply | 85—265 VAC 50Hz - 60Hz |
| (16). Figuration dimension | 96 $\times$ 96 $\times$ 100mm /96 $\times$ 48 $\times$ 100 mm |
| (17). Hole dimension | 92 $\times$ 92mm/92 $\times$ 46mm |
| (18). Weight about: | 400 g |

Maintenance

Indicator can work under the temperature between0-55 $^{\circ}$ Cto absorb 80% RH of relative humidity in the environment without dust and caustic gas. This warranty shall remain in effect for a period of 12 months from the date of product leaving plant. If products are improperly used or in expiration of warranty period, there is charge for the repaire cost.

