

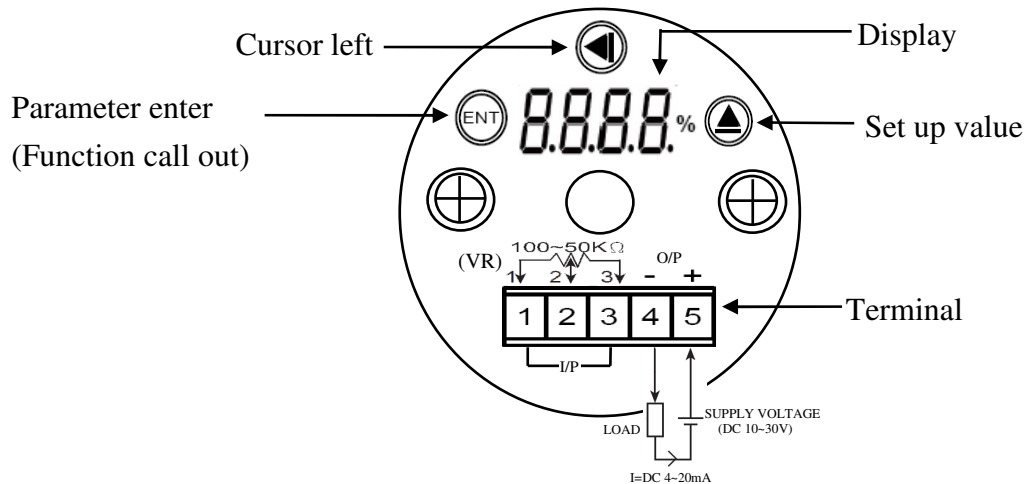
HEAD-MOUNTED TWO-WIRE POTENTIOMETER TRANSMITTER

TWP series

■ Features

- ⊙ Accuracy 0.1% F.S
- ⊙ Wide input ranges form 100Ω to $50K\Omega$ (3-wire)
- ⊙ Burnout protection function. upscale the output current limit of approximately $\leq 20.32mA$
- ⊙ Field-range able supper voltage from 10 to 30V
- ⊙ RL(max.)=(Vsupply-9V)/20mA.up to 750 ohms at 24VDC
- ⊙ Low cost and high stability

■ Name Of Parts



Key Introduce	Operation Manual		
⊕ Key Function	1.In normal display the key function is call out parameter setting page 2.In parameter setting page the key function is data enter and go to next page		
◀ Key Function	1.Into parameter setting page. The parameter mark&data is alternate display. If need modify data can press shift key into setting procedure. The display is lock parameter data this time must let off key about 0.2 sec. press again. the cursor(twinkle express)is cycle moving left/right. (key response about 0.2 sec)		
▲ Key Function	1.In normal display press ▲ key about 10s. display auto zero (maximum auto zero counts 100) 2.Into parameter setting page the parameter mark&data is alternate display. If need modify data can press up key into setting procedure. The display is lock parameter data this time must let off key about 0.2 sec. press again. the parameter data will increment. (key response about 0.2 sec)		
No Key in anything	In setting page no key in anything about 2 minutes. return normal display		
Step	Parameter Mark Description	Parameter Mark	Operation Manual
1	Normal display	1 2 3 4	Press ⊕/FUNC key into P.COD setting page
1-1	P.COD(Pass code input page) Default=0	P. C 0 0 0 0 0 0	1.Key in 4 digit pass code with ◀&▲ key 2.Press ⊕ key the pass code is right into DP setting page otherwise return normal display
1-2	DP(Decimal Point) Default=0	. P 0	1.Decide decimal point position with ▲ key(0~3) 2.Press ⊕ key enter data and into DSPL setting page
1-3	DSPL(Display Low Scale) Default=0	. S P L 0 0 0 0	1.Decide display low scale with ◀&▲ key (-1999~9999) 2.Press ⊕ key enter data and into DSPH setting page
1-4	DSPH(Display High Scale) Default=9999	. S P H 9 9 9 9	1.Decide display high scale with ◀&▲ key (-1999~9999) 2.Press ⊕ key enter data and into ANLO setting page
1-5	ANLO(Analog Output Zero-According to Display) Default=0	R n L 0 0 0 0 0	1.Decide ANLO with ◀&▲ key (-1999~9999) 2.Press ⊕ key enter data and into ANHI setting page
1-6	ANHI(Analog Output Span-According to Display) Default=9999	R n H 1 9 9 9 9	1.Decide ANHI with ◀&▲ key(-1999~9999) 2.Press ⊕ key enter data and into AZERO setting page
1-7	AZERO(Analog Output Zero Adjustment page) Default=0	R - 0 0 0 0 0	1.Decide AZERO with ◀&▲ key(±99) 2.Press ⊕ key enter data and into ASPAN setting page
1-8	ASPAN(Analog Output Span Adjustment page) Default=0	R - 5 0 0 0 0	1.Decide ASPAN with ◀&▲ key (±199) 2.Press ⊕ key enter data and into DZERO setting page

1-9	DZERO(Display Zero Adjust) Default=0	0 - 7	1.Adjustment display zero with ◀ & ▲ key
		0 0 0 0	2.Press Ⓜ key enter data and into DSPAN adjustment page
1-10	DSPAN(Display Span Adjust) Default=0	0 - 5	1.Adjustment display span with ◀ & ▲ key
		0 0 0 0	2.Press Ⓜ key enter data and into CODE adjustment page
1-11	CODE(Pass Code) Default=0	0 0 0 0	1.Decide Pass code with ◀ & ▲ key (0~9999)
		0 0 0 0	2.Press Ⓜ key enter data and return normal display
Appendix	Error Mark Description	Error Mark	Analyze & Description
1	Display over error detect	0 0 F L	Display over range
2	A/D Converter error detect	R d E r	Inside circuit damage
3	EEPROM error detect	E - 0 0	1.External interference when EEPROM read/write
		0 0	2.EEPROM write over 100 million times(guarantee 10 years)
		Y E S	Please power reset if still display E-00 doing following step: 1.E-00 & No alternate display for inquire reset EEPROM 2.Decide Yes with ▲ key. Press Ⓜ key return normal display EEPROM was reset please follow step 1 set again