

TECHWAY INSTRUMENTS

Digital Process Calibrator-LB02

Uniquely designed to calibrate various process parameters.

Description:

This instrument can output/measurement the following signals: Current signal/Voltage signal/mV signal; 8 kinds of thermocouple(E,K,B,S,T,R,J,N) signal; Resistance signal; Thermal resistance(Pt100,Cu50)signal, containing 14 input,15 output, analog meter site can be read or the vast majority of quantities.V,mV,mA, Ω input and output has a corresponding button, call directly, no combination of keys, quick and easy operation. Small instrument, Rich functionality.

Powerful functions and easy to use



OUTPUT:

0-24mA
0-11V
0-110mV
8 kinds TC
20-400Ω
Pt100
Cu50
24V Drive

Measure :

±30mA
±30V
±150mV
8 kinds TC
0-999.9Ω
Pt100
Cu50

FEATURES:

SOURCES: mA, mV, Volt, Thermocouple, RTD, OHM, 24 V Drive.

Measures: mA, mV, Volt, Thermocouple, RTD, OHM.

Measure and Source Chart:

Output performance index :					
function	Unit	Set range	Step	Accuracy	Notes
DC.V	V	0~11.00V	0.01/0.1/1	0.025%+1	
DC.mV	mV	0~110.00mV	0.1/1/10	0.025%+2	
Ohm	Ω	\times	\times	\times	
DC.mA	Source	0~24.00mA	0.01/0.1/1/4	0.025%+1	
	Sink				
	Program				
TC	R	0~1700 $^{\circ}$ C	1/10/100	0.1%+3	Thermocouple temperature output involves cold junction compensation issue
	S	0~1600 $^{\circ}$ C			
	B	500~1800 $^{\circ}$ C			
	K	-200~1370 $^{\circ}$ C		0.1%+1	
	E	-200~1000 $^{\circ}$ C			
	J	-200~1200 $^{\circ}$ C			
	T	-200~400 $^{\circ}$ C			
N	-200~1300 $^{\circ}$ C				
RTD	Pt100	\times	\times	\times	
	Cu50	\times			
24V	24V mA			24V: 0~ \pm 10% mA measure: 0.025%+4	

Measure performance index :					
function	Unit	Measure scale	Resolution	Accuracy	Notes
DC.V	V	0V~30.000V	0.001V	0.025%+4	
DC.mV	mV	0mV~150.00mV	0.01mV	0.025%+2	
Ohm	Ω	0~999.9 Ω	0.1 Ω	0.025%+2	
DC.mA	mA	0mA~30.000mA	0.001mA	0.025%+4	
	R	0~1700 $^{\circ}$ C	1 $^{\circ}$ C	0.1%+3	Thermocouple temperature output involves cold junction compensation issue
	S	0~1600 $^{\circ}$ C			
B	500~1800 $^{\circ}$ C				
K	-200~1370 $^{\circ}$ C	0.1%+1			
E	-200~1000 $^{\circ}$ C				
J	-200~1200 $^{\circ}$ C				
T	-200~400 $^{\circ}$ C				
N	-200~1300 $^{\circ}$ C				
RTD	Pt100	-200~850 $^{\circ}$ C		0.025%+1	Precision does not contain lead resistance
	Cu50	-50~150 $^{\circ}$ C		0.025%+1	
scale conversion	mA	0mA~24.000mA		0.025%+1~10	
	24V				

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