

DATA SHEET

Process Indicator Model PC 200 Series

INTRODUCTION

SBK Instru's Process Controller accepts inputs from RTD, Thermocouple, mV, mA, and thus covers most of the Sensors and transmitters. This instrument can be used for various applications covering process parameters like temperature, pressure, pH, level, flow, speed and many others can be accurately and reliable measured with automatic negative polarity and best possible resolution.

FEATURES

- Customer friendly.
- Wide acceptance for various inputs.
- Factory calibration for any engineering unit.
- compact dimensions to DIN std.
- Automatic cold junction temp. compensation for T/C input
- Capability for any non-std. requirement



PI 202



PR 203



PPI 206

TECHNICAL SPECIFICATIONS

Type	Model	Overall Size in mm H*W*D	Cut out in mm H*W	Optional Features
1	PI 201	72*72*110	68*68	Standard
2	PI 202	96*48*125	46*92	a) Retransmission Output b) Transmitter Power Supply
3	PI 204	48*48*100	46*46	Standard
4	PPI 206	96*48*125	46*92	4 1/2 digit 0.1% Accrate with all facilities similator to PI 202

BATTERY OPERATED PORTABLE INDICATOR

5	PR 203	160*85*40	N.A.	Selectable I/p and Range
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TECHNICAL SPECIFICATIONS

Indication	3½ digit LED 0.5" Red
Resolution	0.1 or 1 depends on range
I/P & Range	Refer Ordering Code 'C' & 'D'
Sensor Break Protection	Up Scale / Dn Scale optional Standard
Power Consumption	5 VA Max
Operating Temp.	0 to 50° C
Relative Humidity	90% RH Max. Non condensing
Effect of Ambient Chg.	0.05% PER ° C Ref. 25 °C
CMRR	>120DB
CMV	500V DC
Size	Refer Ordering Code A
Weight	Less than 1 kg

ORDERING INFORMATION

A) Type

Select with provided chart

B) Supply Voltage

- 01 230VAC ±10% 50/60Hz
- 02 110VAC ±10% 50/60Hz
- 03 Other Pl. Specify

C) Input

- 01 Pt100 (RTD)
- 02 Pt100 (RTD)
- 03 Fe-Const (J)
- 04 Cr-Al (K)
- 05 Pt-PtRh 13%
- 06 Pt-PtRh 10%
- 07 0-20mA
- 08 4-20mA
- 07 Others

D) Range

- 200 to 200°C
- 0 to 600°C
- 0 to 600°C
- 0 to 1200°C
- 0 to 1600°C
- 0 to 1600°C
- Pl. Specify
- Pl. Specify
- Pl. Specify

E) Engineering Unit

Pl. Specify

F) Retransmission O/P

- 00 Not Required
- 01 0/4 - 20mA DC
- 02 Others Pl. Specify

G) Transmitter Power

- 00 Not required
- 01 24V DC

H) Accuracy

- 01 ± 0.2 % ± 1 digit Linear to input
- 02 Others Pl. Specify

Ordering Code PC 300

A	B	C	D	E	F	G	H	I	J	K	L
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- Due to continuous development specifications are subject to change without notice.

Total Instrumentation under Single Roof



SBK Instrumentation

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