Solutions Per Applications

Bar Graph Indicator BI-020

SERIES BI-020

SPA's series of BI-020 is available in different models of single & dual channels with 101segment LED bar segments. The variable can be displayed with the help of Bar graph and 4 digit 0.3, Red/ Green LED 7 segment digital display in single and dual channel with respect to 4-20 mA DC input. Also set points for Hi & Lo alarms are provide for each of the channel. In this series Red / Green/ Ambar 101-Bar and Digital Display models are available. One can choose the model as per the application requirements.

Input Specifications :

Input : 4-20 MADC /0-5 VDC
Input Impedance : 100 Ohms for current
More than 1 M Ohm for DC volt

Display specifications

Display : Single/Dual,101 seg.Led,100mm
Range : 0-100% or specified Engg. Unit
Resolution : 1.0%
Accuracy : ±1% of full scale
Numeric Display : 4 digit, 0.3" 7 seg
Red/Green/Ambar colour
LED for digital display.
Response time : 0.5 Sec or better
Range : Programmable.
Zero Span Adj. : Provided
Resolution : 3&1/2 Digit.
Accuracy : ±0.25% of Full Scale,±1 digit

Retransmission Output

Current output : 4 to 20 mA.
Loop Load : 600 Ohms

Alarm Set-points

Setting : 2 No, key-pad programmable
(Hi,Lo)

Relay Contact Specifications

Relays : 1 NO + 1NC on each set-point.
Contact rating : 230 V AC, 50 Hz. Resistive Load

Electrical Specification:

Aux. Power Supply : 230 VAC,50Hz,± 10%
Insulation Resistance: 500 VDC @ 20 M Ohms
Di electric Strength : Primary side to secondary
Side 1 min. At 1500 VAC

Mounting & Dimensional Specifications :

Mounting : Panel.
Cutout :
Option 1. : 34 x 138 mm. Vertical
Option 2. :68 x 138 mm Vertical
Bezel Size : 36(H) x 144 (W) x 103 (D) mm
Enclosure : MS Powder Coated

Environment Specifications:

Operating Temp: 0-50 Deg C
Humidity : Up to 90% Rh non condensing

AN ISO 9001: 2008 company

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