Bargraph for Analogue and Digital Signals OCB778

- √ DC process Signals 0/4-20 mA, 0-1V to 0-200V
- √ AC true RMS signals up to 280V
- √ Pt-100 and Thermocouples J, K, T, E, N
- √ Input for Serial Ports RS232, RS485
- √ 48 Bargraph Segments and 5 digits Display
- √ Free display assignment to the input signal
- √ 244mm bar length, Standard Scale 0-100
- √ Two Set Point Relays
- √ Supply 24VDC or 115/230VAC mains
- √ DIN Case

Bargraph with two Set Points

Full Bargraph size

OCB778 is a Bargraph with 48 segments and five digit high resolution digital Display.
It is designed for connection of Analogue Process Signals and Digital Serial Ports. With keys behind the front lens both displays can be free programmed for required process units. The digital display permits high resolution of the measured signal. Two Set Points with Transistor or Relay outputs are intended for control applications.

OCB778 is designed mainly for Analogue Process Signals, Pt-100 and Thermocouples. Input for Serial Data Ports RS232 or addressable RS485 is an option.
The type of input signal, setting of parameters, display resolution and required scalings are Menu selectable. In the measuring mode the digital display shows the input signal, in programming mode the parameters.
By selecting of two Set Points, the Bargraph contains two bars for the input signal. The third bar is used to display the Set Points.

SPECIFICATIONS

Bargraph:	244mm length with 48 Segments each. Full bar size is 60mm. With selected Set Points SP1, SP2 is the bar size 40mm. Accuracy: ± 1 Segment. Standard Scale: 0-100.	
Digital:	5 digits, 16 Bit, 15mm Display size, Accuracy 0.1% from value.	
Inputs:	Analogue:	0/4 - 20mA, 0-10V, 0-200VDC 1V to 280V true RMS Pt-100 two or four terminal connection Thermocouples J, K, T, E, N with or without Junction Compensation
	Serial Port:	RS232, RS485, 1200 - 115200 bd, ASCII with CRLF.
Set Points:	SP1, SP2 with programmable hysteresis. Option: Two mechanical Relays 5A-230VAC or two NPN Open Collectors 40V-100mA..	
Supply:	115/230V +/- 10%, 48 ... 60 Hz. Option 24VDC (18-36VDC).	
Case:	DIN 288x96x80mm (H x W x D). Panel cut out 282 x 92mm, pluggable screw terminals.	

ORBIT CONTROLS AG
Zürcherstrasse 137
CH – 8952 Schlieren / ZH
Tel: +41 44 730 2753
info@orbitcontrols.ch
www.orbitcontrols.ch