Bargraph for Analogue and Digital Signals OCB778

- √ Input for DC process Signal 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 assignment of both displays to the input signal
- √ 244mm bar length
- √ Two or three parallel Bars
- √ Two Set Point Relays
- √ Supply 24VDC or mains 115/230VAC
- √ DIN case

Standard 2 Bars

Option 3 Bars

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

Analogue process signals, Pt-100 and Thermocouples can be directly measured with 16 bit resolution. Serial Ports RS232 or RS485 have selectable Baud Rate up to 115200 bd. The type of input signal, setting of parameters, display resolution and required scaling are Menu selectable.
In the measuring mode the display shows the input signal, in programming mode the parameters.

SPECIFICATIONS

Displays:	Bars:	Two red Bars 244 x 40mm with 48 Segments each, Option 3 Bars 60mm.
	Accuracy:	± 1 Segment.
	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 four or two Wire connection Thermocouples J, K, T, E, N with or without Junction Compensation
	Digital:	RS232, RS485, 1200 - 115200 Bd, ASCII with CRLF.
Set Points:	SP1, SP2 with selectable hysteresis. Two NPN Open Collector Transistors 40V-100mA. Option: Two mechanical Relays 5A-230VAC.	
Supply:	115/230V +/- 10%, 48 ... 60 Hz. Option 24VDC (18-36VDC).	
Case:	DIN 288x96x80mm (HxWxD). 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