

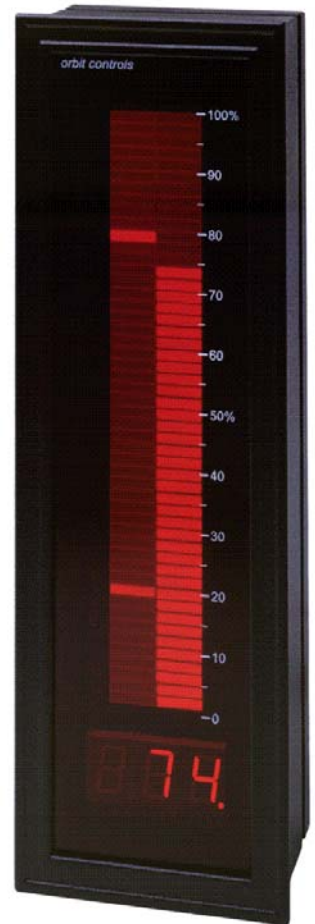
- √ DC and AC true R.M.S. Signals
- √ Process Signal 0/4 - 20 mA
- √ Thermometers Pt-100, Pt-1000, Ni
- √ Thermocouples J, K, R, S, T, B and C
- √ RS232 or RS485 serial data ports
- √ Frequency and Pulses Input
- √ 50, 100 or 200 Segments, 250 to 1000mm high
- √ Linearizing option available

Orbit Controls Model OC2001-57 is a large bargraph with two bars for panel mounting. The bars can be individually controlled or parallel connected. In the individual mode the right bar shows the input signal, the left bar is used for setting of four set points with relay outputs. Each bargraph has 50, 100 or 200 red segments, depending on the bar length. Customized Bargraphs with up to 1000 mm bar length are available.

Three or six digit display below the bargraph is available for high resolution readings. In the measure mode it displays the input signal; in the programming mode it shows the parameters. The programming is available with a keyboard at the rear panel. The left bar can optionally be assigned to a second input signal in two signal mode of operation.

Practically any DC or AC process signal, temperature sensors, frequencies and pulses, resistors, potentiometric sensors, pressure transducers, load cells as well as signals from serial data ports RS232 and RS485 can be applied, displayed and controlled.

OC2001-57 is enclosed in black aluminium case with IP65 front protection and is supplied from the mains.



SPECIFICATIONS

Displays:	Bars A, B:	Length 250mm, 50 red segments, 20mm segment width.
	Option:	Length 500mm, 100 red segments, 40mm segment width.
	Option:	Length 1000mm, 200 red segments, 40mm segment width.
	Bargraph A:	Input signal
	Bargraph B:	Two set points. Option: second input signal.
	Digital display:	Three digit 38mm, capacity 0 ... 999, with selectable decimal point.
		Six digit 20mm, capacity 0 ... 999999, with selectable decimal point.
Inputs:	* Voltage:	200mV to 750V DC or AC true R.M.S.
	* Currents:	20mA to 5A DC or AC true R.M.S.
		* Power up to 2300W direct measurement. Larger power values with current transformer.
		* Frequencies and pulses, time integration of analog signals.
		* Thermocouples J,K,R,S,T,B and C and RTD Pt-100, 200, 1000 and Ni.
		* RS 232 or RS485.
Set Points:	Option:	Four NPN Transistors or four mechanical relays 5A-230VAC.
Supply:		115/230V, 10%, 48 ... 60 Hz, 20VA.
Terminals:	Supply:	Mains connector.
	Signal and Relay:	D-SUB.
Dimensions:	250mm Bar length:	Panel Cut-out: 368 x 112 mm, depth behind panel 85 mm.
	500mm Bar length:	Panel Cut-out: 643 x 173 mm, depth behind panel 85 mm.
	1000mm Bar length:	Panel Cut-out: 1146 x 176 mm, depth behind panel 85 mm.

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