

Universal microprocessor-based programmable controller MS8103ASP

The microprocessor-based controller of “Microsyst”, model MS8103ASP is designed for measurement and control by 3 positional or proportional algorithm (with PWM output), for different parameters of the technological processes. The device controls output K1 by set-point, outer for the device, set-pointed as a linear analog parameter, and there is a possibility for calibration of this parameter. The output K1 is controlled by set-point, inner for the device and there is a possibility for direct change of its set-point during operation of the system.



<i>Range and accuracy</i>	<i>Range of the display</i> -1999 ... 9999; ± 1 LSB
<i>Input</i>	<i>Linear current</i> I_0 (4) ... 20 mA; <i>Linear voltage</i> U_0 ... 1 (10) V DC; <i>Thermal resistance</i> Pt100; <i>Thermocouple type</i> J, K, S, B
<i>Outputs</i>	3 Relay 250V/5,10A; K1 – positive (“heating”), K2 – negative (“cooling”), K3 – alarm 2 Analog transmitting: I_0 (4) ... 20 mA or U_0 ... 1 (10) V
<i>Power supply</i>	<i>Power supplying voltage</i> - 220V / max 20mA; <i>Frequency of the power supplying voltage</i> - 50 Hz (± 1 Hz)
<i>Indication</i>	<i>LED Four digits seven segments, red or green display</i> <i>LEDs indicating the status of the outputs</i>
<i>Dimensions (mm)</i> <i>(WxHxL)</i>	96 x 48 x 128 – horizontal; 48 x 96 x 128 – vertical; Panel in a hole 90 x 44 - horizontal; Panel in a hole 44 x90 - vertical; <i>Weight</i> - max 400 g
<i>Degree of protection</i>	IP40

Bulgaria, 4002 Plovdiv, 57 “Trakia” str.
Tel.: (+359 32) 642 519, 640 446 Fax: (+359 32) 640 446