ADVANCED ELECTRONICS

PRODUCT HIGHLIGHTS

R4000
Full Process Control

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The new multichannel Temperature Controller **R4000 Touch** offers a novel tool for full process control, signaling limit values, release signals or error conditions. Any notification can be displayed by the bright color screen or by one of two integrated signal relays. Signals may also be linked to con-figure chains of events. To operate the device by the 4 inch touch display is intuitive and self-explanatory. The integrated configuration wizard helps quickly setting the basic parameters at the first placing in operation.

Design/Function	Inputs	Outputs	Auxiliary voltage	Dimensions
4-channel temperature controller 8-channel temperature controller	Pt 100, Ni 120 I TC Analog standard inputs	Relay + 0/24 VDC 0.5 A	24 VDC	96 x 96 x 122 mm Control-panel installation

R1000 I R1040
Compact and innovative

ELOTECH's new temperature controllers **R1000** and **R1040** are equipped with a new interface, guiding the user easily and comprehensible through the process of configuration while offering advanced features. During controlling operation LED are signalizing the devices most important activities. Even from distant positions actual and process values are easy to read due to the bright four-digit displays. Both devices come with all purpose digital and relay outlets for various applications.

Design/Function	Inputs	Outputs	Auxiliary voltage	Dimensions
2 point controller 3 point controller 3 point step controller	Pt 100 I TC	Relay + 0/18 VDC (programmable)	230 VAC I 24 VDC	96 x 96 x 60 mm or 48 x 96 x 60 mm Control-panel installation version

S1000
Additional Safety

The Limit monitoring device **S1000** adds redundant safety to any process control system. The process temperature can be read by a bright four digit display. The reliable controller contains high quality electronics.

Function	Inputs	Outputs	Auxiliary voltage	Dimensions
Redundant monitoring of excess or too-low temperature	Pt 100 I TC	Relay	230 VAC I 24 VDC	22,5 x 75 x 112 mm Mounting-rail installation on 35 mm standard rails

ELOTECH Industrieelektronik

ELOTECH

The independent company ELOTECH Industrieelektronik develops and manu-factures temperature controllers, display and monitoring devices and appli-cation-specific process controllers for numerous areas of industries. Founded in 1994, ELOTECH has many years experience in manufacturing digital process controllers.

Development

ELOTECH's engineers develop hardware and software, build prototypes, and optimize solutions through complex testing and inspections. The special ELOTECH control algorithm enables dynamic, long-term stable controlling for a wide range of applications.

Production

ELOTECH uses in production multi-layer technology, SMD assembly and highly integrated processors. This guarantees besides a best product quality, an excellent cost–benefit ratio. ELOTECH products are individually in-house tested and calibrated. Customers from around the world value the company's reliability and punctual deliveries.

Responsibility

ELOTECH strives for sustainability and resources careful production processes. The recovery of reusable materials in accredited recycling facilities and the use of components and brazing materials in accordance with the EU RoHS Directive are integral to our production process.

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