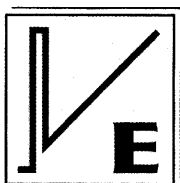


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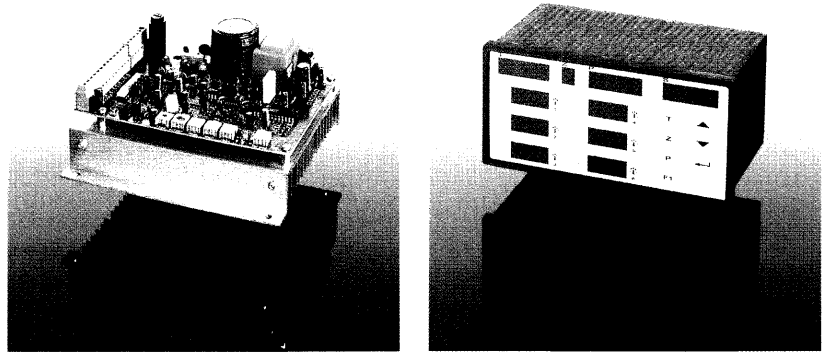
ELOTECH

INDUSTRIELEKTRONIK GMBH

**Your
Technical
Partner**

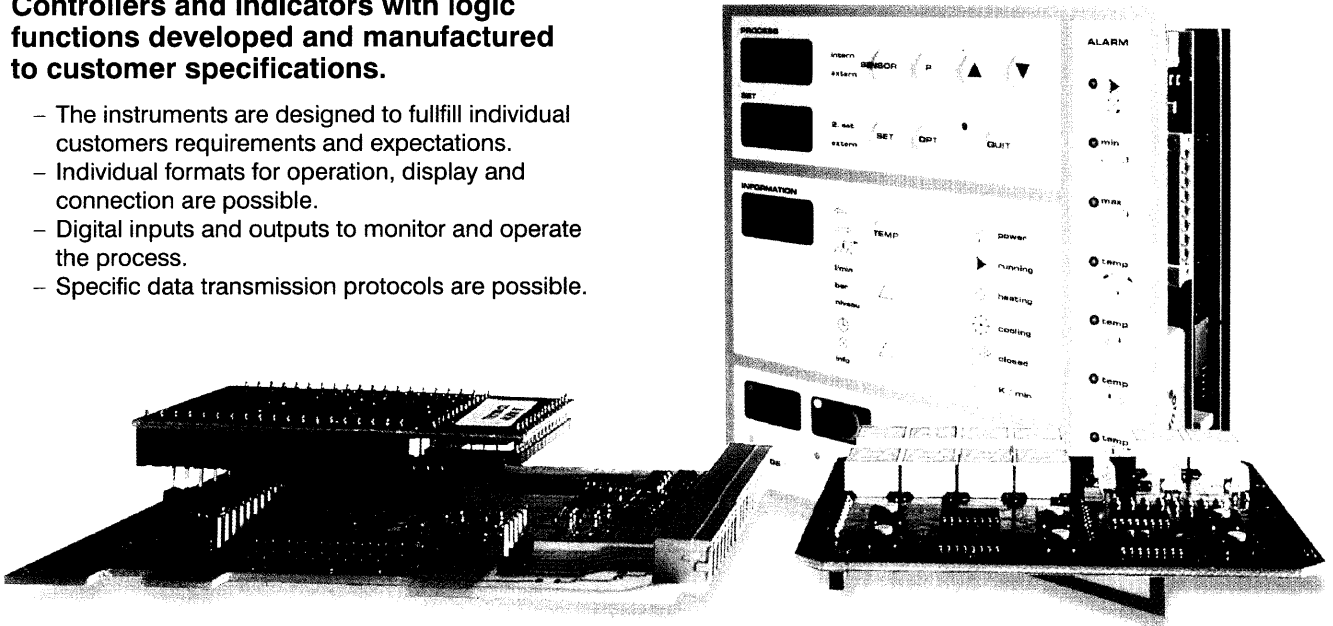
Customised motor controllers

Motor controllers for D.C.-, A.C.- or electronic commutator types up to a maximum of 1 KW rating.



Controllers and indicators with logic functions developed and manufactured to customer specifications.

- The instruments are designed to fulfill individual customers requirements and expectations.
- Individual formats for operation, display and connection are possible.
- Digital inputs and outputs to monitor and operate the process.
- Specific data transmission protocols are possible.



Electronic monitoring instruments with additional limit contacts

A 1200 DIN-Format: 96 x 48 mm
(1/8-DIN)
Installation depth: 122 mm
(1/4-DIN)

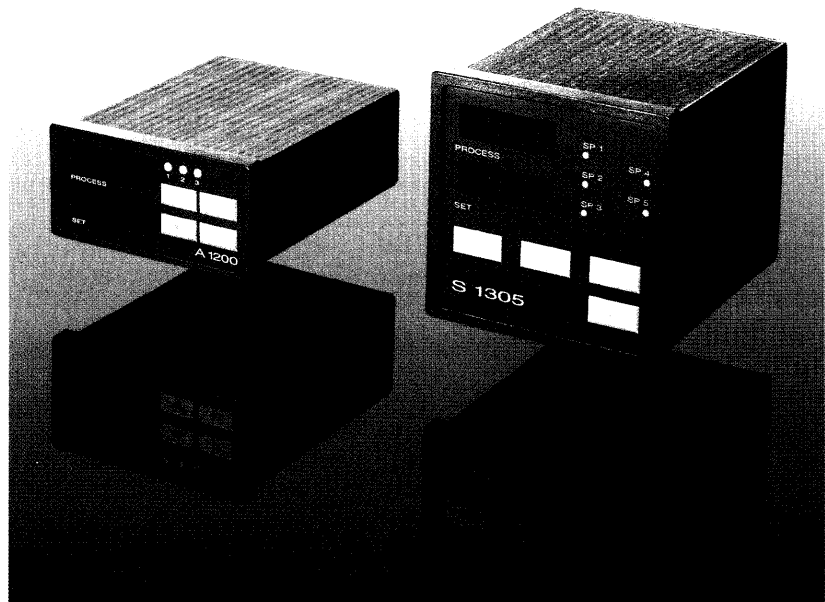
S 1305 Format: 96 x 96 mm
Installation depth: 122 mm

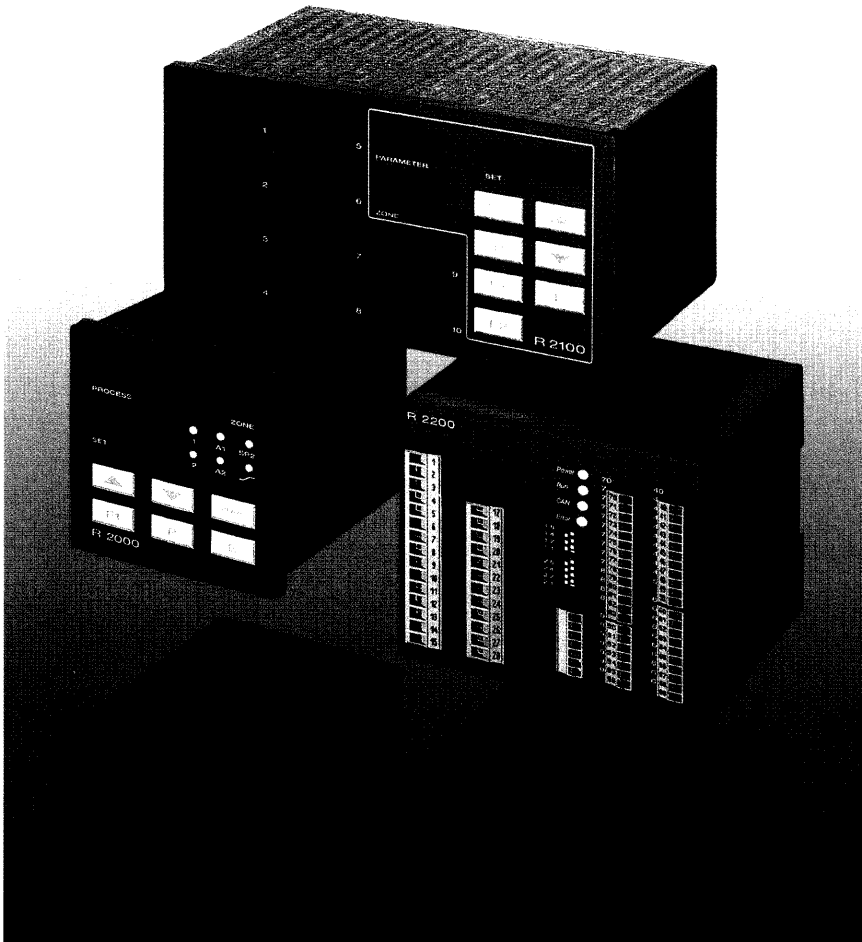
Programmable inputs:

RTD, Type J, Type K, Type L, Type S,
0/4...20MA, 0...10VDC

Output:

3 or 5 relays to monitor different process values.
Switching functions and hystereses levels are programmable.





Multizone Controllers

Compact or modular housings.

R 2000 4 ... 10 zones

DIN-Format: 96 x 96 mm (1/4-DIN)
Installation depth: 122 mm

R 2100 4 ... 16 zones

DIN-Format: 192 x 96 mm (1/2-DIN)
Installation depth: 122 mm

R 2200 4 ... 8 zones

Case size: B = 125, H = 105, D = 125 mm
DIN-rail mounting (35 mm) EN 50022

- Heating-off (2 Point controller)
- Heating-off-cooling (3 Point controller)
- On-neutral-off (3 Point stepping controller)

Softstart function

For baking out high performance cartridge heaters. This increases the life expectancy of the heaters.

Automatic guidance system

Will automatically hold the last output ratio (%) or switch over to a pre-selected output value if a sensor break occurs.

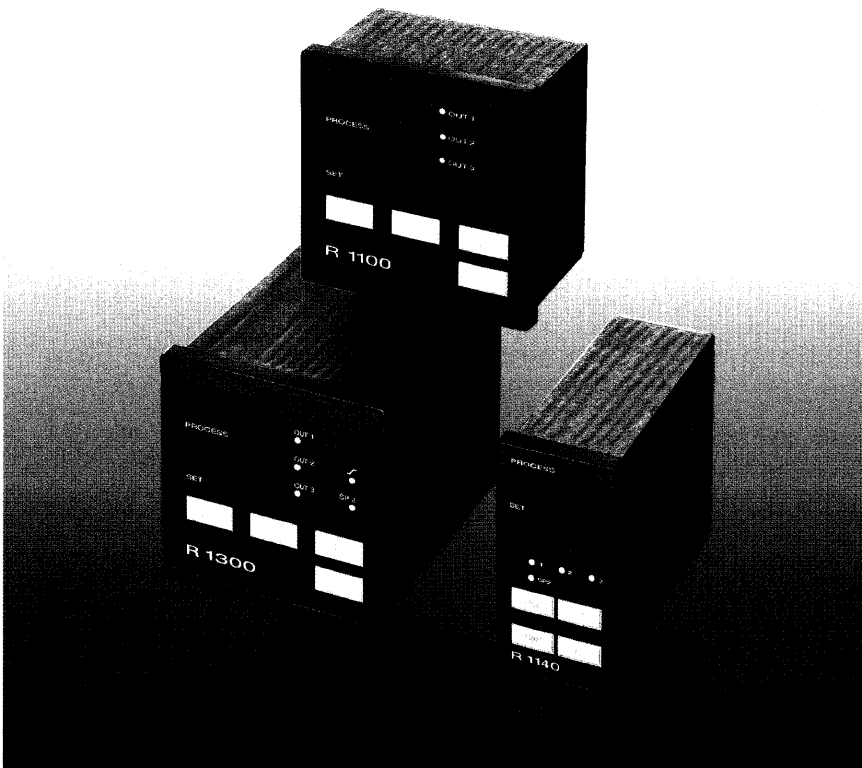
Heater current monitoring

requires only one external current transformer. Will monitor all zones for:

- Heater failure - open circuit and short circuit.
- Load changes.
- Solid state relay - short circuit.

Serial Interface / Field bus connection

- RS485, RS232-C, 0/20MA
- CANopen: Device profile CiA DS-404
- InterBus-S (via gateway M-IBS-5)
- Profibus DP (via gateway M-PB-5)



Temperatur Controllers

R 1100 DIN-Format: 96 x 96 mm (1/4-DIN)

Installation depth only: 67mm

R 1140 DIN-Format: 48 x 96 mm (1/8-DIN)

Installation depth: 122 mm

- Heating-off (2 Point controller)
- Heating-off-cooling (3 Point controller)
- On-neutral-off (3 Point stepping controller)
- Continuous

Universal Controller

R 1300 DIN-Format: 96 x 96 mm (1/4-DIN)

Installation depth: 122 mm

Programmable inputs: RTD, Type J, Type K, Type L, Type S, 0/4...20MA, 0...10VDC

Softstart function

For baking out high performance cartridge heaters. This increases the life expectancy of the heaters.

Automatic guidance system

Will automatically hold the last output ratio (%) or switch over to a pre-selected output value if a sensor break occurs.

Serial Interface: RS485, RS232-C

Setpoint input: 0/4...20MA, 0...10VDC

Process value output: 0/4...20MA, 0...10VDC

ELOTECH is a member of the
CAN user organisation C.i.A
(CAN in automation).



Our products are designed and
manufactured in accordance with
EC specifications.



We exhibit our products at:

INTERKAMA



Düsseldorf

ELOTECH develops and produces innovative, flexible and powerful process controllers and instruments.

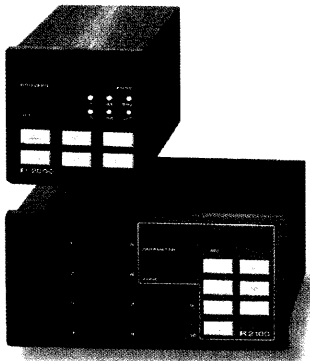
ELOTECH specialises in custom solutions and by working extremely closely with its partners it guarantees an optimum solution.

ELOTECH engineers have over 20 years experience in industry.

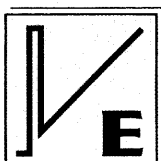
ELOTECH adopts the most modern state of the art techniques for design and construction.

We use multilayer printed circuit boards, surface mount components and highly powerful integrated microprocessors.

ELOTECH products are specified within large blue chip companies in the following markets:



- Plastic processing:
Extrusion, injection moulding, hotrunner and thermoplastics
- Temper technology
- Rubber processing
- Hotmelt adhesive technology
- Wood finishing machines
- Packaging machines
- Oven technology
- Laboratory and analytical instruments



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