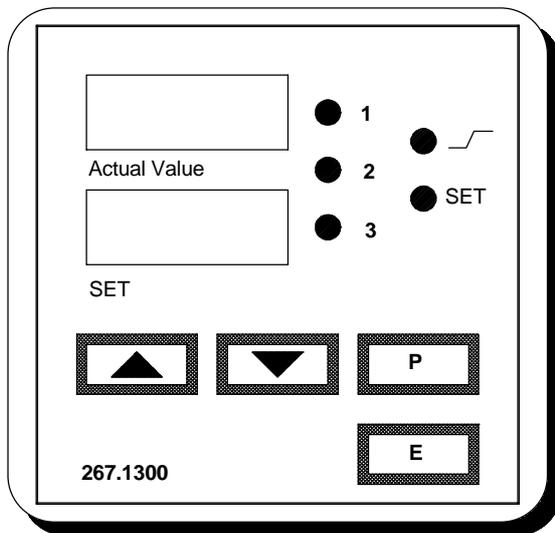




**Digital Controller**  
 microprocessor-controlled multi-purpose controller  
 Type Series 267.1300-xxx



**Microprocessor-Controlled Multipurpose Controller**

**Type Series 267.1300-001**

with programmable control behaviour  
 2-level, 3-level, 3-level-step behaviour (standard PD/I)  
 with choosable self-optimizing function  
 programmable heat sensor input:

Pt 100, Fe-CuNi, NiCr-Ni, Pt 100 Rh-Pt, 0 - 20 mA  
 control output: relay or bistable voltage signal  
 size: 96 x 96 mm, built-in length 120 mm  
 electric mains: 230 VAC, 50 - 60 Hz  
 connection: plug strip/flat connecting

**Type 267.1300-002**

same design as under 267.1300-001  
 in addition: continuous output 0(4) - 20 mA, 0 - 10 VDC  
 serial interface RS 485

**Type 267.1300-003**

same design as under 267.1300-002  
 in addition: analog actual value output 0(4) - 20 mA  
 0 - 10 VDC  
 analog desired value input 0(4) - 20 mA

<b>control behaviour:</b>	2-level-controller, 3-level-controller and 3-level-step-controller in base-design	
<b>universal sensor input:</b>	analog controller from version 002, heating or cooling characteristic optional	
	Pt 100	(2- or 3-wire)
	thermoelectric couple:	Fe-CuNi(Type J), NiCr-Ni, PtRh10-Pt
	unit signal:	0 - 20 mA      indication range can be scaled
		4 - 20 mA      indication range can be scaled
		0 - 10 VD      indication range can be scaled
<b>control output:</b>	relay and bistable voltage signal (base design)	
	continuous 0 - 20 mA, 4 - 20 mA, 0 - 10 VDC in the versions	
	P-, PD, PI, PD/I (mod. PID) with self-optimizing	
<b>process value control::</b>	absolute value control	(limit contacts)
	control depending on the desired value	(signal contacts)
	control depending on the desired value min/max.	(limit comparator)
<b>alarm outputs:</b>	standard:	for 2-level and continuous controller    2 alarm contacts
		for 3-level and 3-level-step controller    1 alarm contact
<b>starting switching:</b>	for the slow drying-out of the high-performance heating cartridge with adjustable starting regulation ratio and adjustable rest period (drying-out time)	
<b>2. digital desired value:</b>	activation by means of an external potential-free contact	
<b>desired-value ramp:</b>	for the controlled heating and cooling	
<b>auxiliary tension:</b>	230 VAC (115 VAC internal, changeable)	
<b>serial interface:</b>	RS 485 (version 002 and 003)	
<b>actual value output:</b>	0 - 20 mA, 4 - 20 mA, 0 - 10 VDC    acc. to the selected measuring range	
<b>analog desired value preset:</b>	0 - 20 mA, 4 - 20 mA, 0 - 10 VDC    acc. to the selected measuring range	
<b>plug board-housing:</b>	size 96 x 96 mm (DIN 43700, built-in length 122 mm)	
	plug board-surface 92 + 0,5 x 92 + 0,5 mm	
<b>enclosure:</b>	IP 20 (DIN 40050), IP 50 (front)	
<b>weight:</b>	0,5 kg	