

7. Technical data

Power supply	230 V AC 115 V AC 24 V AC	} -15 % / +10 %, 50 / 60 Hz
Power consumption	approx. 7 VA	
Weight	approx. 1 kg	
Permissible ambient temperature		
- Operation	0 to 50°C	
- Transport and storage	-25° to + 65°C	
Degree of protection	Front IP 65 according to DIN 40050	
Design	For control panel installation 96 x 96 x 135 mm at 6490 and 48 x 96 x 140 at 6590 (W x H x D)	
Installation position	arbitrary	
DI - feed voltage and measuring transducer feed voltage	24 V DC, I _{max.} = 60 mA Pt100, 2.4 = 0°C to 300°C or 2.2 = 0°C to 400°C	
Analog inputs	Connection in three - wire system 0/4 to 20 mA, input resistance = 50 Ohm 0/2 to 10 V, input resistance = 100 KOhm	
Accuracy	0.1% of measuring range	
Digital inputs	high active, R _i = 1 k • ; n.c. / 0V DC = low 12 V to 24 V DC = high	
Analog output for process variable	0 to +10 V comply with 0° to 300°C (2.4) or 0° to 400°C (2.2), I _{max.} = 2 mA	
Displays	Two 4 - digit 7- segment displays, LED ,red, digit height = 13 mm (6490), 10 mm (6590)	
Alarm	Alarm type A, B, C; normally closed contact principle	
Relays	Contact equipment: 1 change - over contact Switching capacity: 250 V AC / 3 A Spark quenching element	
Serial interface	RS 485, MODBUS - protocol in RTU - mode 1200 to 19200 Baud 1 start bit, 8 data bits, 1 stop bit, no parity	
Data storage	Semi - conductor memory	