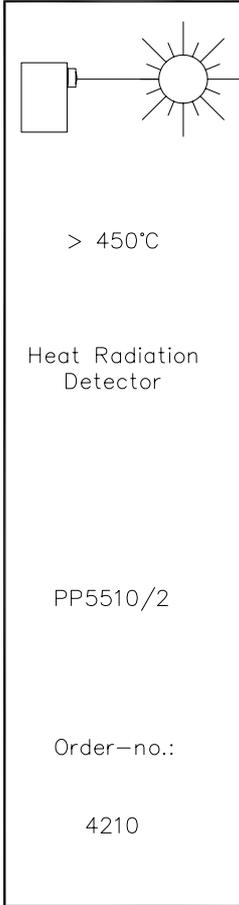
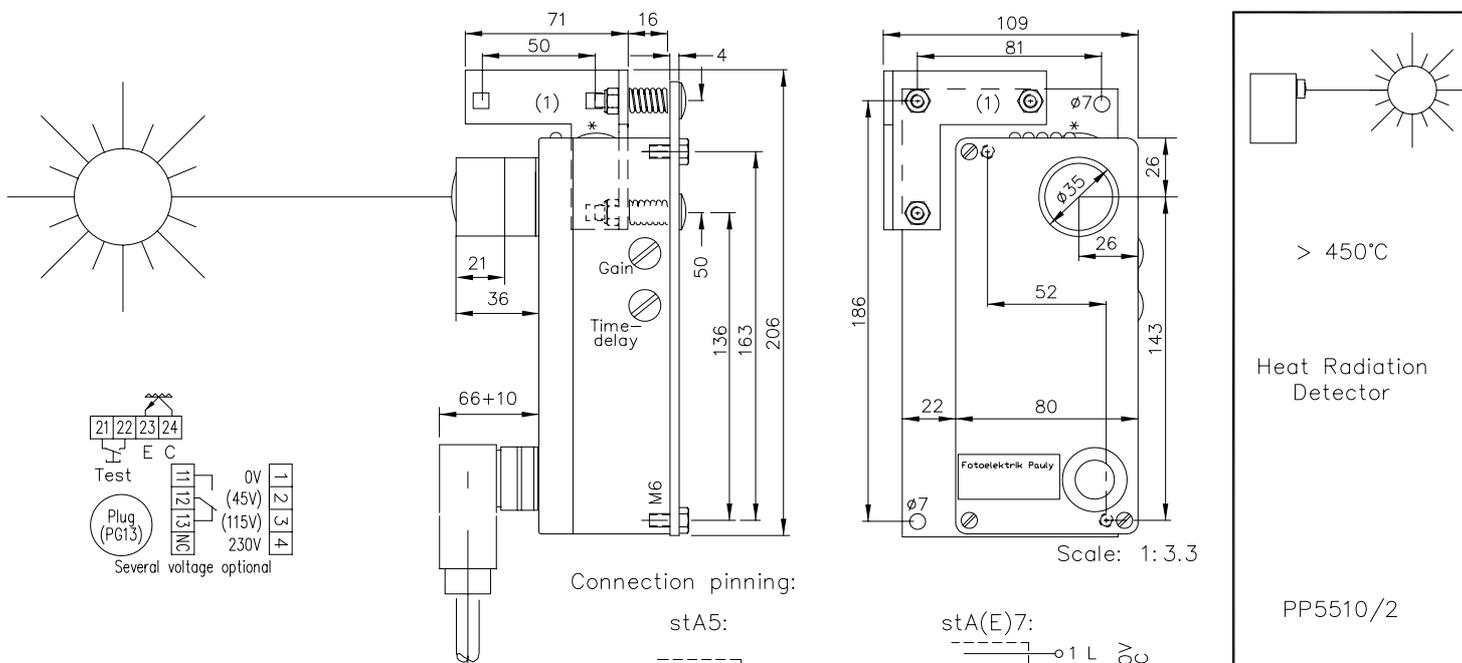


## Heat Radiation Detector Type PP5510/2



### Technical characteristics of minimum type:

Housing	Al-Cast
Weight	approx. 1500g
Protection mode	IP65
Connection	4+1 pin plug stA5 to Terminal Strip
Supply	230VAC/3VA
Output	Relay 250VAC, 10A 2500VA, 1xCh, R Optocoupler 60V/50mA max.
Signale mode	light/dark selectable
Operation mode	Radiation chopper
Access time	~70ms/switch transition
Switching frequency	~8/sec
Switch indicator	LED green
Level indicator	DIANA, LED red
Time delay	0-10s, switch-on-off-delay, separately adjustable
Test transmitter	IR-diode
Reception angle	N: ~3°, Tele.: ~0.6°
Operation temperature	-25...+60°C

### Accessories:

- (30.07.98 tb)
- (16.07.03 gs)
- (05.07.90 rb)
- (12.12.90 rb)
- (14.04.05 tb)
- 4210 DE
- E\_4210\_1
- (18.02.05 ml)
- Adjustment flange JF27Hq (1)
- Elbow tube adjustment AD27SS2
- Cooling water flange KW27
- Anti dust tube TUB46
- Special Filters
- Diaphragms
- Furnace Window

### Special Design:

Connection	6+1 pin plug stA7 6+1 pin plug stE7 4+1 wire no.-cable K5 only screw terminal PG13.5
Supply	115VAC or 45/115/230VAC with universal transformer
Teleobjective, t	
Analog voltage output	

### Detection area and min. detectable object size (t=650°C)

Distance/m	Detect. Area/mm ø		min. Size of Obj. /cm <sup>2</sup>	
	Normal-	Teleobj.	1 Normal-	1 Teleobj. 2
1	90	60	0.1 - 1.4	0.05 - 1
2	155	70	0.4 - 5.5	0.1 - 1.5
5	350	100	2.5 - 35	0.2 - 3
10	675	150	10 - 140	0.8 - 12
20	1325	250	40 - 600	3.5 - 50

1: Highest Gain Setting, 2: Lowest Gain setting

### Note:

The PG Plug sigend by '\*' allows to see the thermal sensor and the chopper disk for exact adjustment of the receiver using the light beam method (see separate instruction).