

X Non-contact thermometry best done with *infratherm* pyrometers



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Temperature Measurement

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IN 5/5-M *plus*

IN 5/5-H *plus*

Digital, precise, compact.

Special digital pyrometers with very short response times for fast temperature measurements of glass surfaces (Additional data sheet to IN 5/5 plus)

- ◆ 2 long temperature ranges:
200 ... 1300°C or 400 ... 2500°C
- ◆ Subrange adjustable
- ◆ Type M: response time 30 ms
- ◆ Type H: response time 10 ms
- ◆ Laser targeting light



Reference numbers:

Type	Temperature range: 200 ... 1300°C		
	Optics	Interface	
		RS232	RS485
IN 5/5-M <i>plus</i>	100	3 871 460	3 871 470
	300	3 871 480	3 871 490
	1200	3 871 500	3 871 510
IN 5/5-H <i>plus</i>	100	3 871 260	3 871 270
	300	3 871 280	3 871 290
	1200	3 871 300	3 871 310

Reference numbers:

Type	Temperature range: 400 ... 2500°C		
	Optics	Interface	
		RS232	RS485
IN 5/5-M <i>plus</i>	100	3 871 520	3 871 530
	300	3 871 540	3 871 550
	1200	3 871 560	3 871 570
IN 5/5-H <i>plus</i>	100	3 871 320	3 871 330
	300	3 871 340	3 871 350
	1200	3 871 360	3 871 370

Noise equivalent temperature difference (NETD)

Type:	Meas. temperature	response time t_{90}	NETD
IN 5/5-M <i>plus</i>	500°C	30 ms	0.4°C
	1100°C		0.2°C
IN 5/5-H <i>plus</i>	500°C	10 ms	0.5°C
	1100°C		0.3°C

(Emissivity = 1; $\sigma = 1$)

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Specifications are subject to change without notice.