



INF-1000 - MC

Infrared Temperature Sensor with military connector

1/2

Range
Accuracy
Resolution at 1000°C
Response time

0 to 1000°C
1% FS
15 mV/°C
50 ms

Supply voltage
Supply current
Output signal

5 to 16V
1.5 mA
0 – 5 V

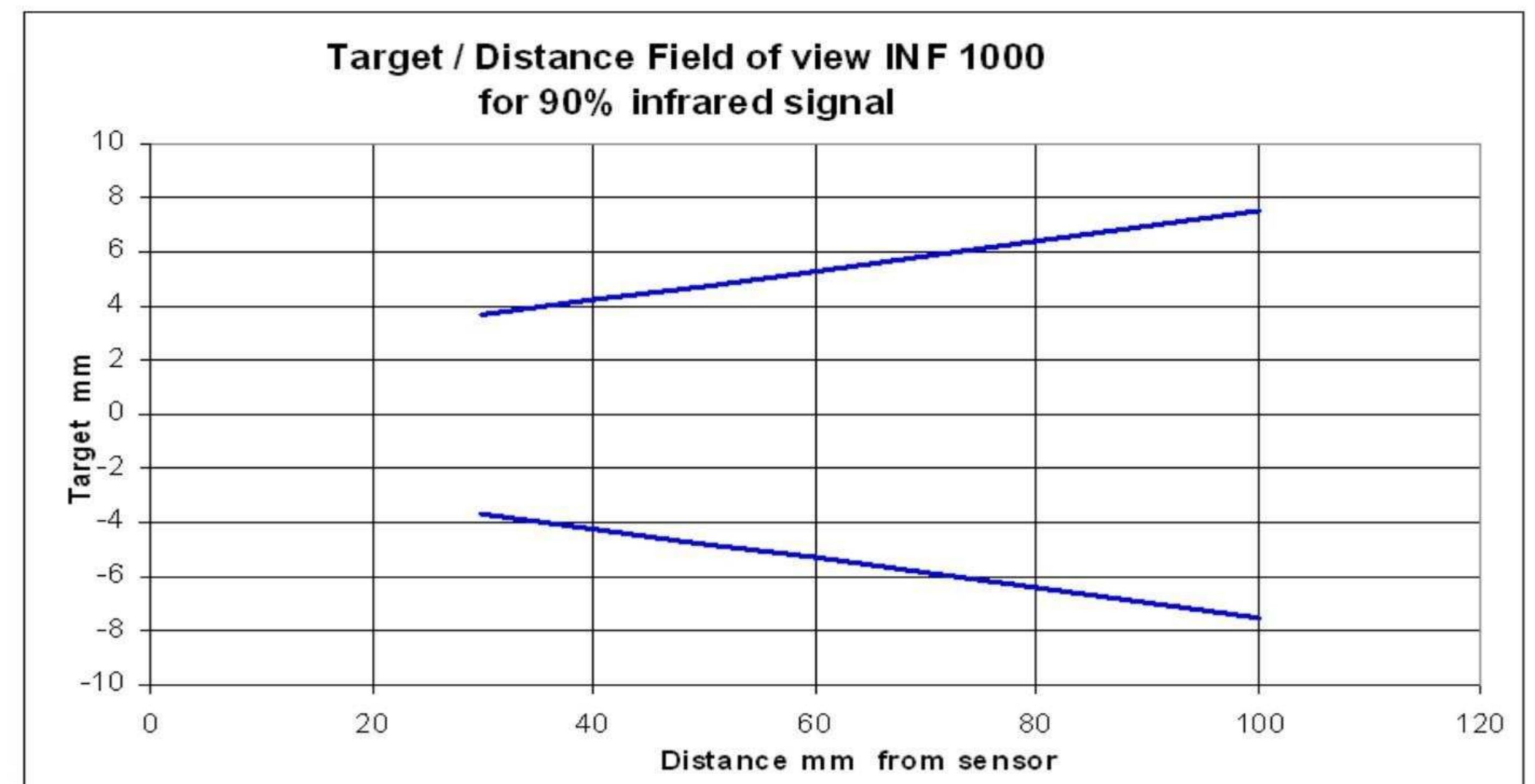
Measurement distance
Emissivity
Field of view (90% radiation)
Wave length

30 to 100 mm
99%
5 : 1 at 50mm
8 to 14 μm

Operating temp
Storage temp

-20 to +100°C
-40 to +125°C

“T” type



Calibration table		
° C	Volts / Steel	Volts / Carbon
0	0.00	0.00
100	0.02	0.02
200	0.07	0.08
300	0.14	0.18
400	0.27	0.36
500	0.49	0.63
600	0.84	1.03
700	1.34	1.60
800	2.02	2.37
900	2.89	3.39
1000	4.01	4.71

Connector : 8 STA 1 02 35 PN

Pin	Function
1	5-16 V
2	Signal
3	0 V

In the interest of continuous product improvement, we reserve the right to alter without prior notice the specifications and features described in this document



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Housing
"T" type

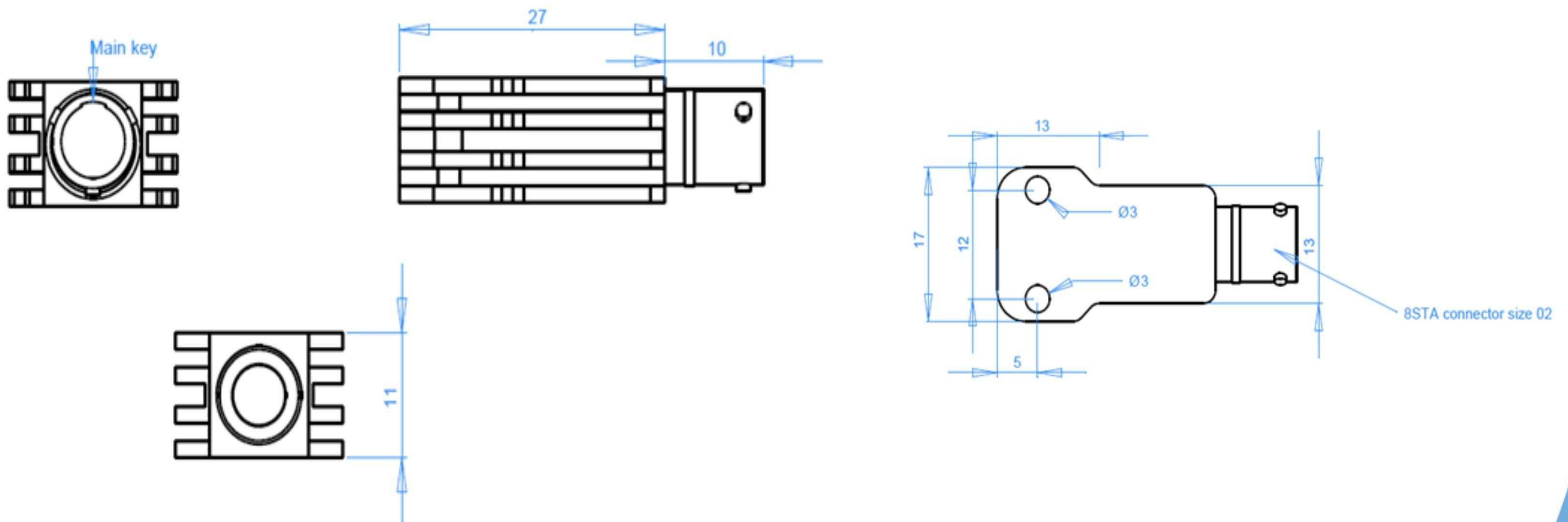
Aluminium
27x17x11 mm

"T" type

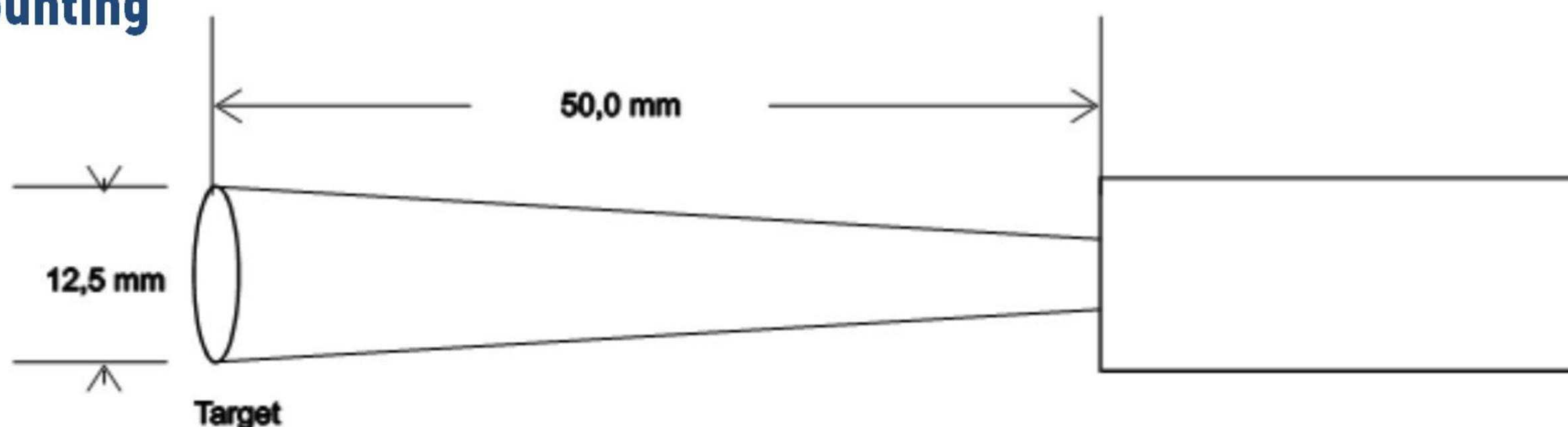


Weight (without cable)

15 g



Mounting



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