



INF (V/T) 1000°C

1/2

Analog brake disc temperature sensor Rectangular or Threaded cylinder

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

Red
White
Blue (or Black)
Braid

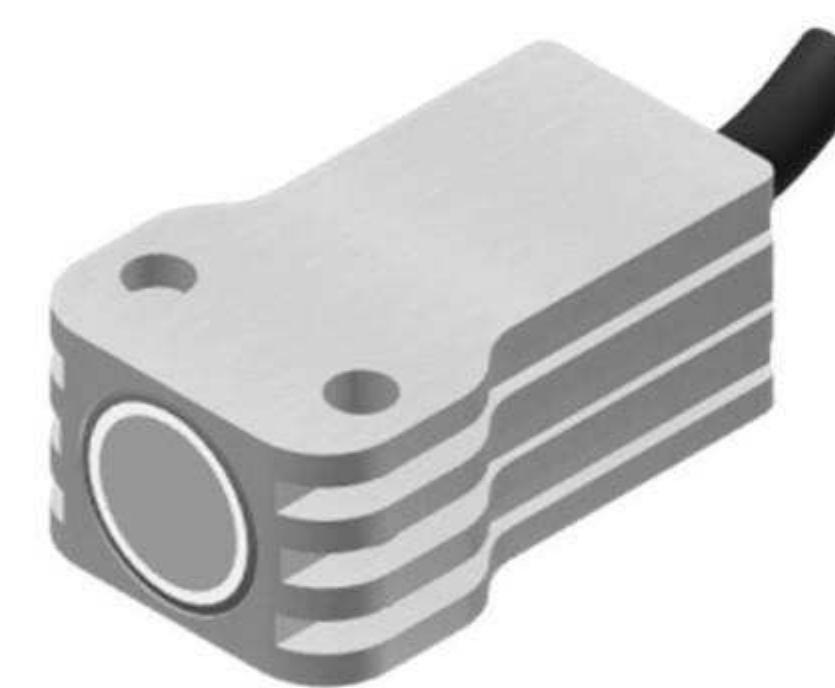
5 - 16V
Signal
0 V
Not connected

1 m cable of 3X26AWG FEP
tinned copper braided cable 250V 200°C

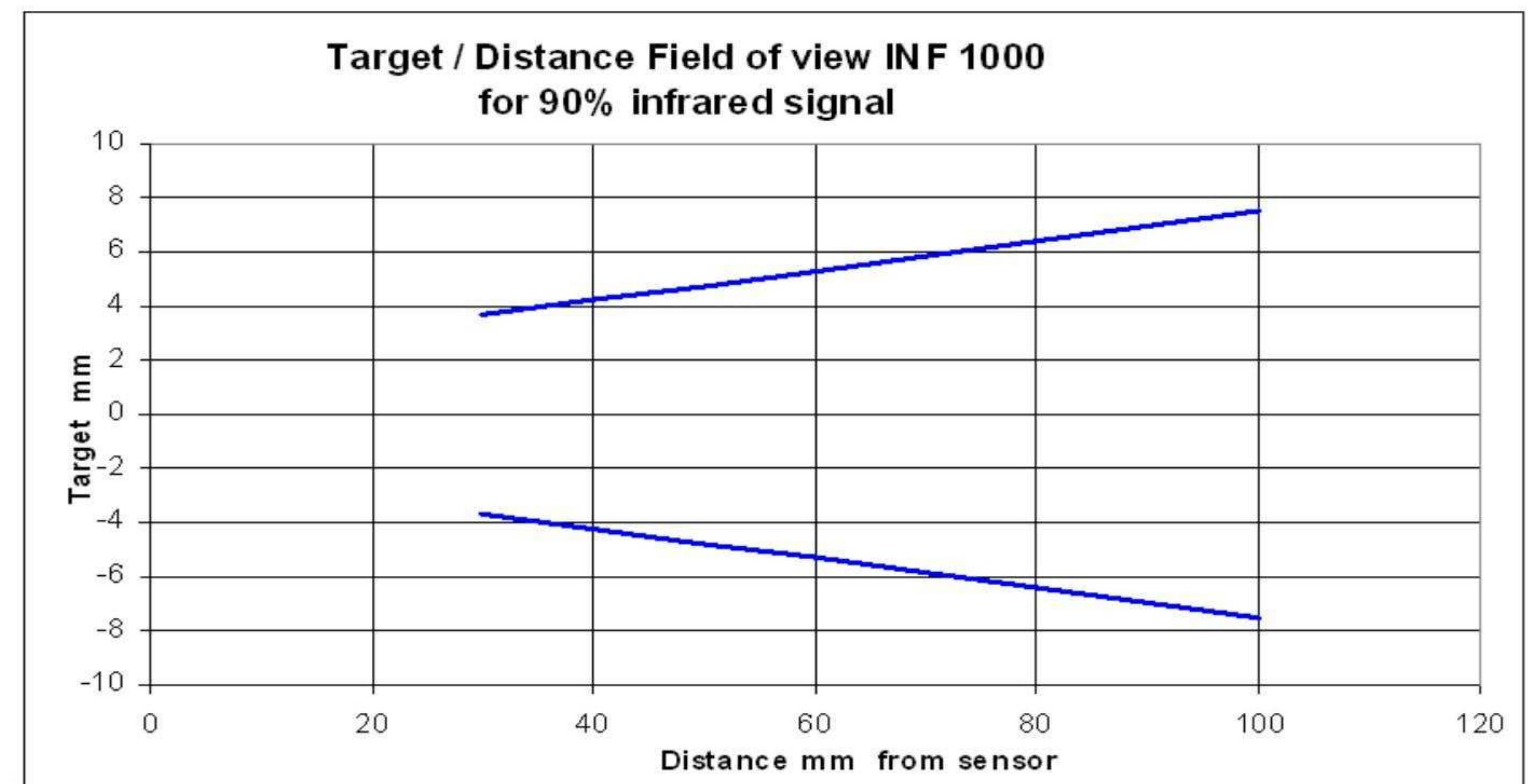
Ordering ref
INF - range - 1000

T
V

“T” type



“V” 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



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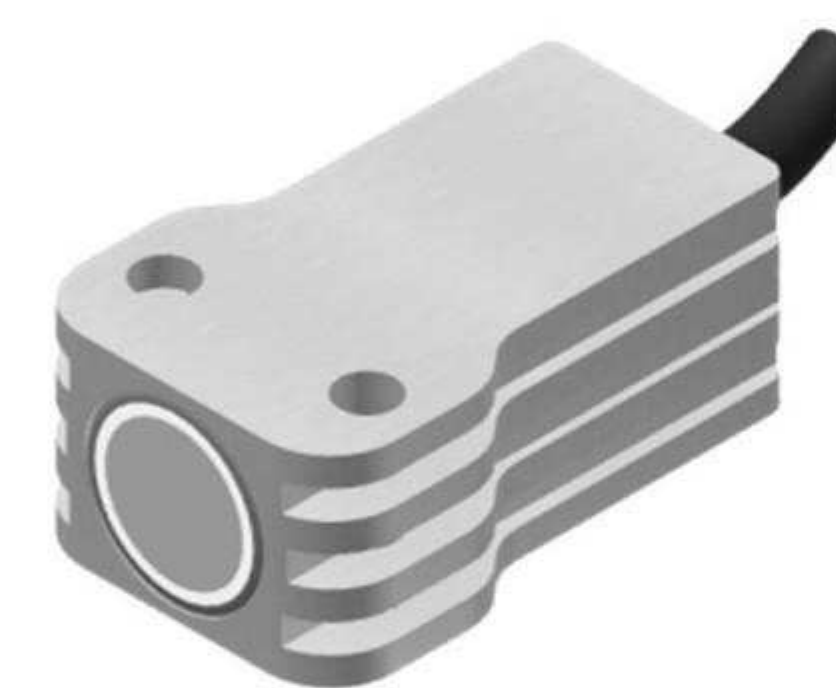
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Housing
"T" type
"V" type

Aluminium
27x17x11 mm
M12x1x length 32 mm

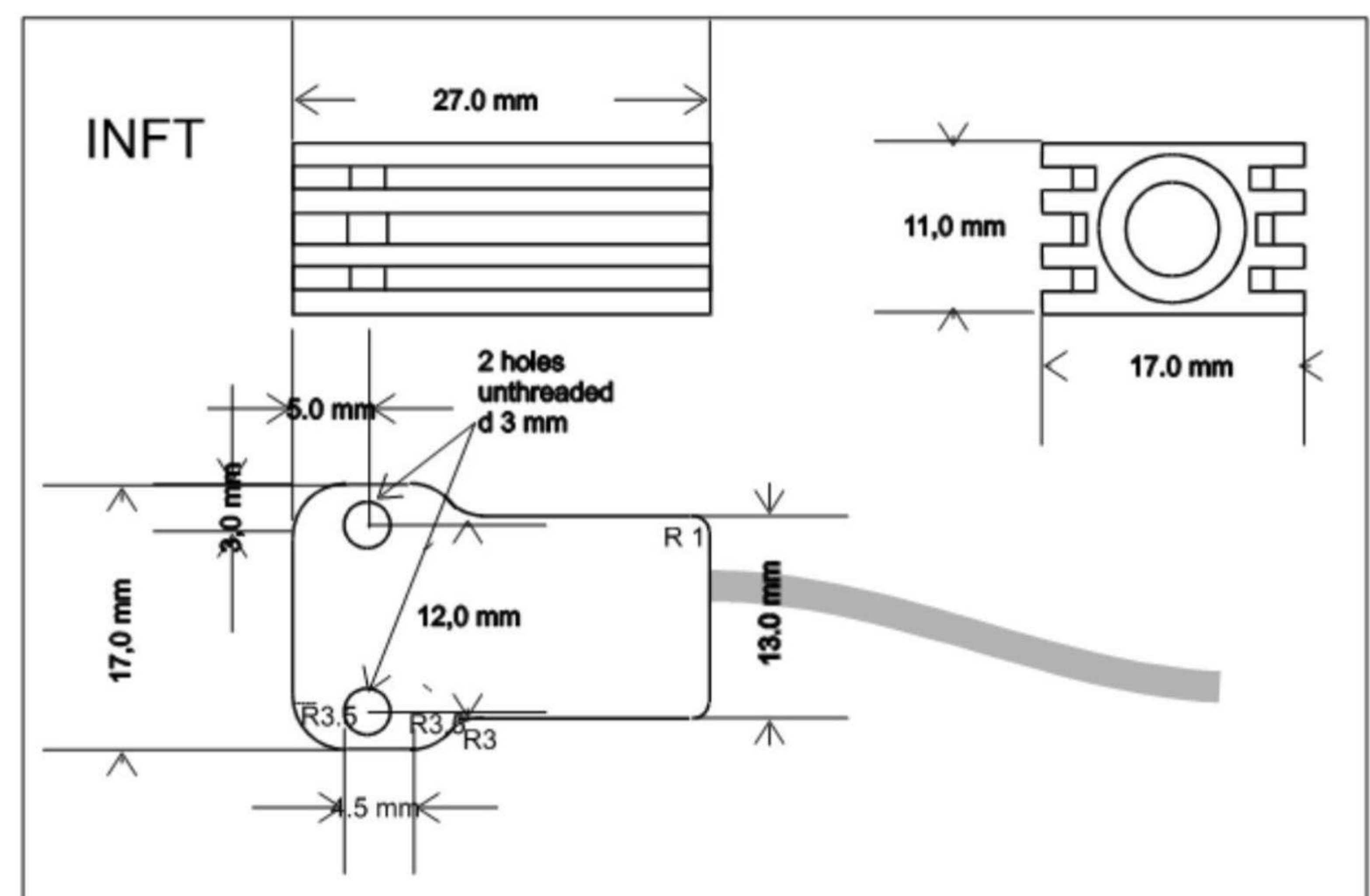
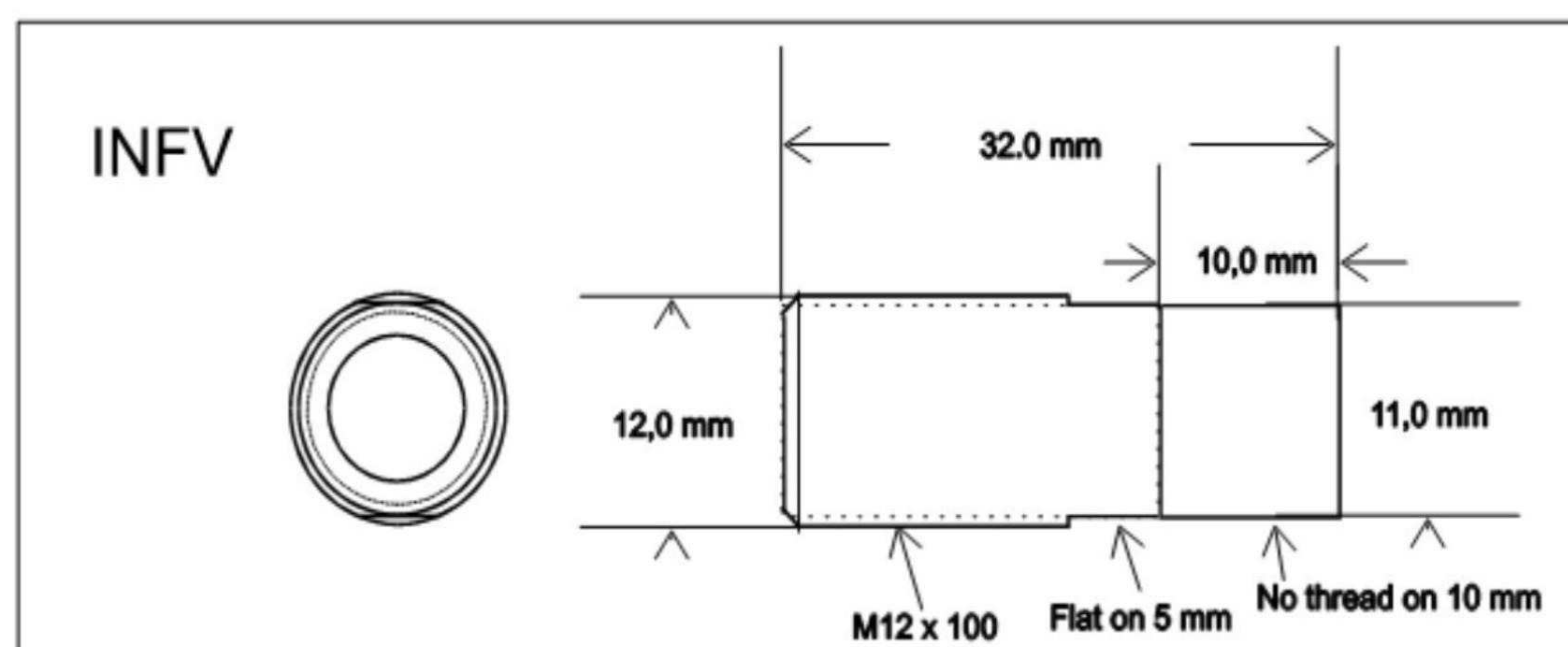
"T" type

"V" type

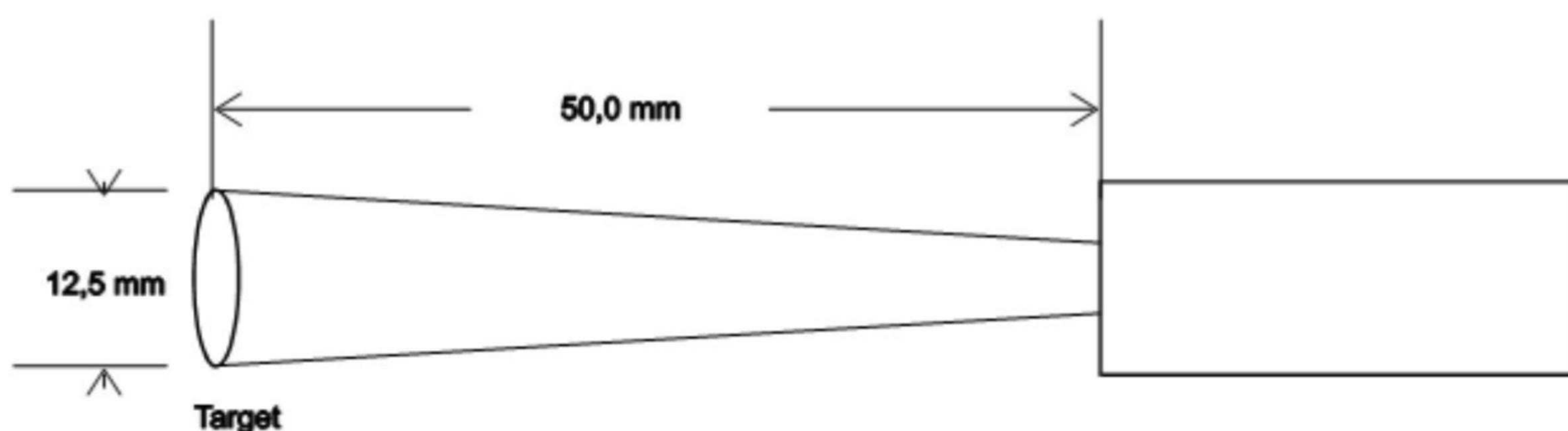


Weight (without cable)

15 g



Mounting



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