



1/2

INF (V/T) Linear 200°C

Analog tyre temperature sensor

Rectangular or Threaded cylinder

Range
Accuracy
Sensitivity
Response time

0 to 200°C
2% FS
20 mV/°C
250 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 150 mm
> 99%
4 : 1 at 50mm
8 to 14 µm

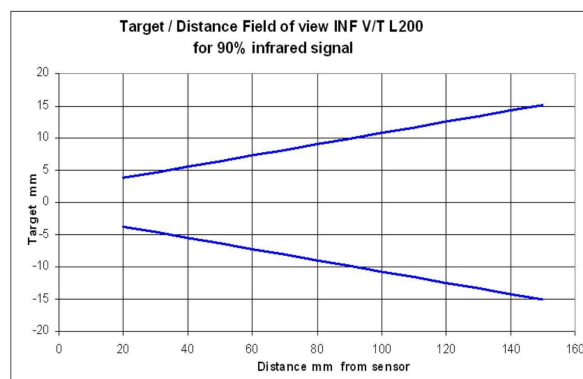
Operating temp
Storage temp

0 to +80°C
-25 to +125°C

"T" type



"V" type



Calibration tables

| °C | 200°C 20mV/°C |
|-----|------------------|
| 0 | 0.5 V |
| 50 | 1.5 V |
| 100 | 2.5 V |
| 150 | 3.5 V |
| 200 | 4.5 V |

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

Red 5 - 16V
White Signal
Blue (or Black) 0 V
Braid Not connected

Ordering ref
INF - range - L 200

T
V



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Analog tyre temperature sensor

Rectangular or Threaded cylinder

Housing
"T" type
"V" type

Aluminium
27x17x11 mm
M12x1x length 32 mm

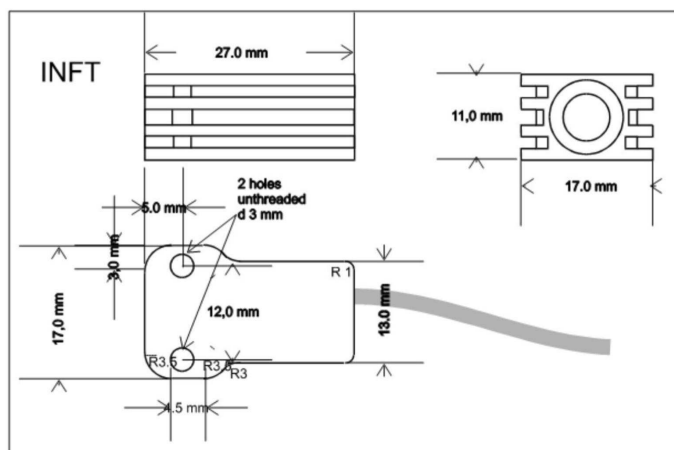
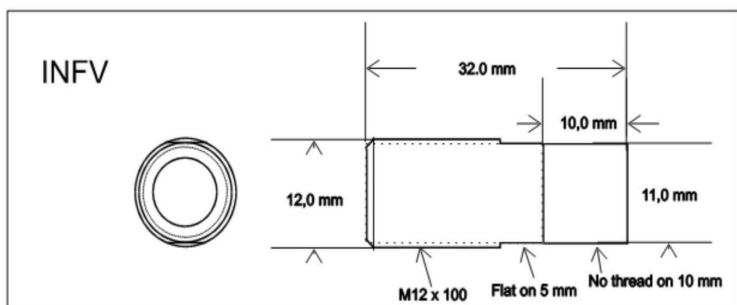
"T" type

"V" type

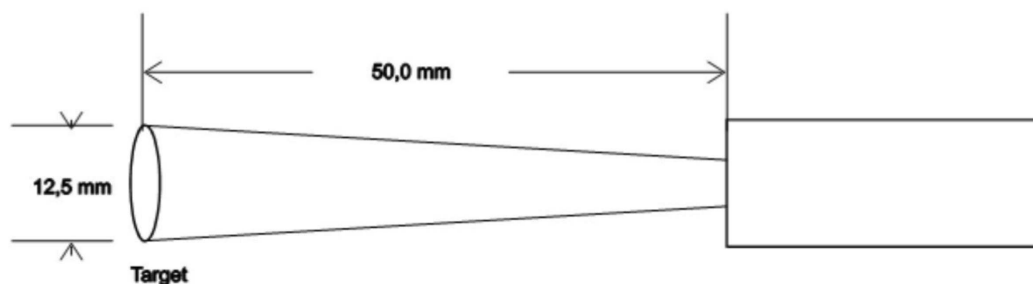


Weight (without cable)

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.

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