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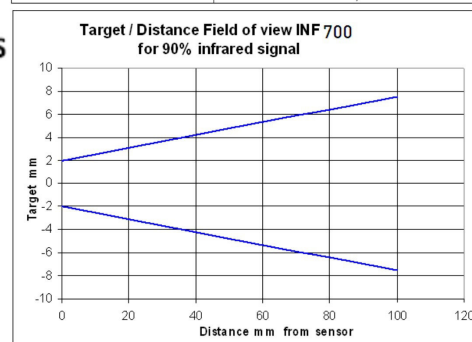
# INF-CLT-700

## Clutch infrared temperature sensor 700°C

<b>Range</b>	700°C
<b>Accuracy</b>	1% FS
<b>Resolution at 700°C</b>	20 mV/°C
<b>Response time</b>	50 ms
<b>Supply voltage</b>	5 to 16V
<b>Supply current</b>	1.5 mA
<b>Output Signal</b>	0 – 5 V

<b>Sensitive element</b>	Thermopile with Silicium Lens
<b>Measurement distance</b>	30 to 100 mm
<b>Emissivity</b>	99%
<b>Field of view (90% radiation)</b>	5 : 1 at 50mm
<b>Wave length</b>	8 to 14 μm
<b>Operating temp</b>	-20 to +100°C
<b>Storage temp</b>	-40 to +125°C

° C	Volts / Carbon
0	0,00
100	0,06
200	0,23
300	0,54
350	0,77
400	1,07
450	1,44
500	1,89
550	2,44
600	3,10
650	3,88
700	4,80



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

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

Also available in this reference:  
- INF-CLT-500

[www.texense.com](http://www.texense.com)

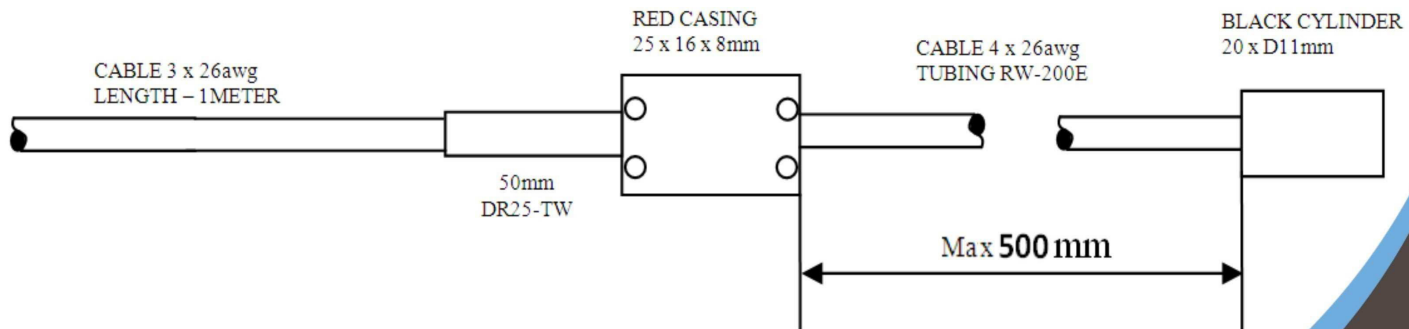
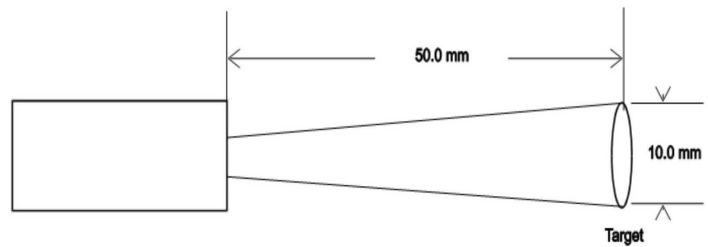
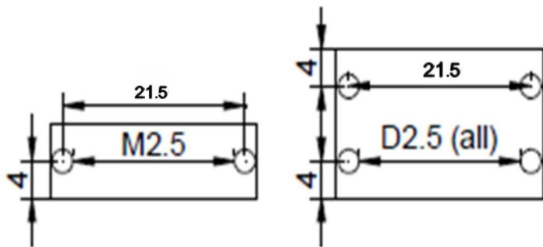
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# INF-CLT-700

## Clutch infrared temperature sensor 700°C

<b>Material</b>	Aluminium
<b>Dimensions</b>	11x1x length 20 mm
<b>Weight (without cable)</b>	15 g



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