



INF(V/T) 1000°C V2

Analog brake disc temp sensor, rectangular or threaded cylinder

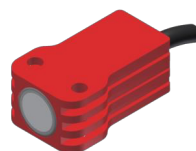
Range 0 to 1000°C
Accuracy 1% FS
Resolution at 1000°C 15 mV/°C
Response time 50 ms

Supply voltage 5 to 16 V
Supply current 1.5 mA
Output signal 0-5 V

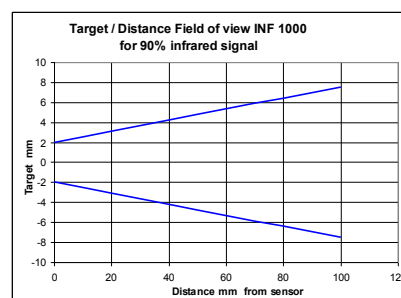
Measurement distance 30 to 100 mm
Emissivity 99%
Field of view (90% radiation) 5 : 1 at 50 mm
Wave length 8 to 14 μm

Operating temperature -20 to +150°C
Storage temperature -40 to +150°C

"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

1 m cable:
3x26AWG FEP tinned copper
braided cable 250V 200°C

Red 5 to 16 V
White Signal
Black 0 V
Braid Not connected

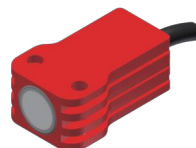


INF(V/T) 1000°C V2

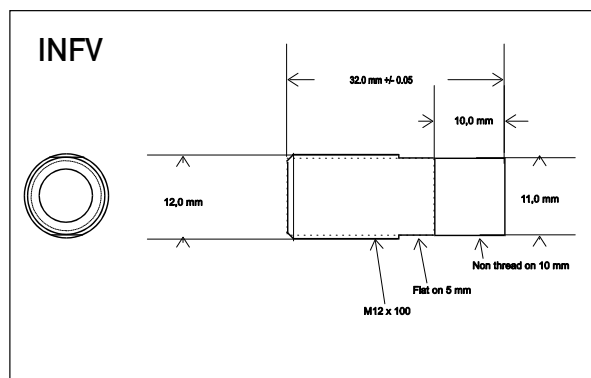
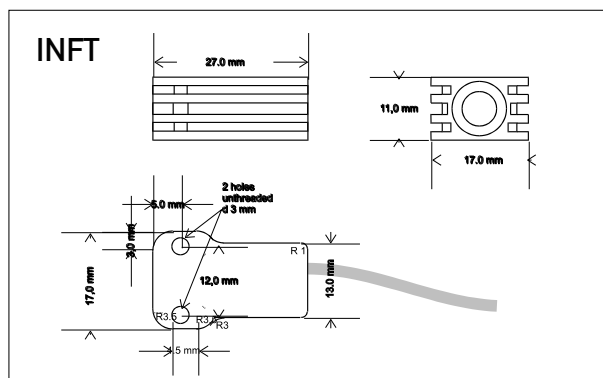
Analog brake disc temp sensor, rectangular or threaded cylinder

Housing	Aluminium
"T" type	27x17x11 mm
"V" type	M12x1x length 32 mm
Weight (without cable)	15 g

"T" type



"V" type



1 m cable:
3x26AWG FEP tinned copper
braided cable 250V 200°C

Red 5 to 16 V
White Signal
Black 0 V
Braid Not connected



INF(V/T) 1200°C V2

Analog brake disc temp sensor, rectangular or threaded cylinder

Range 0 to 1200°C
Accuracy 1% FS
Resolution at 1000°C 9 m/V°C
Response time 50 ms

Supply voltage 5 to 16 V
Supply current 1.5 mA
Output signal 0-5 V

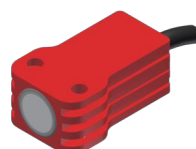
Measurement distance 30 to 100 mm
Emissivity 99%
Field of view (90% radiation) 5 : 1 at 50 mm
Wave length 8 to 14 µm

Operating temperature -20 to +150°C
Storage temperature -40 to +150°C

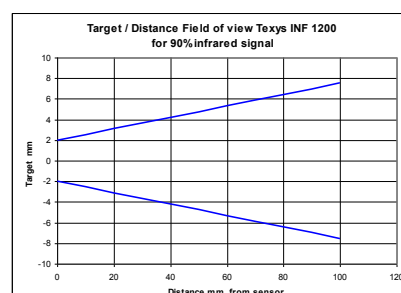
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White Signal
Black 0 V
Braid Not connected

"T" type



"V" type



Calibration table			
° C	Volts / Steel		Volts / Carbon
0	0,00		0,00
100	0,01		0,01
200	0,04		0,05
300	0,08		0,11
400	0,17		0,21
500	0,30		0,37
600	0,50		0,61
700	0,78		0,94
800	1,17		1,40
900	1,69		2,00
1000	2,37		2,78
1100	3,24		3,76
1200	4,34		4,99

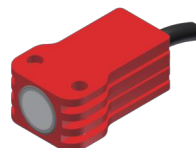


INF(V/T) 1200°C V2

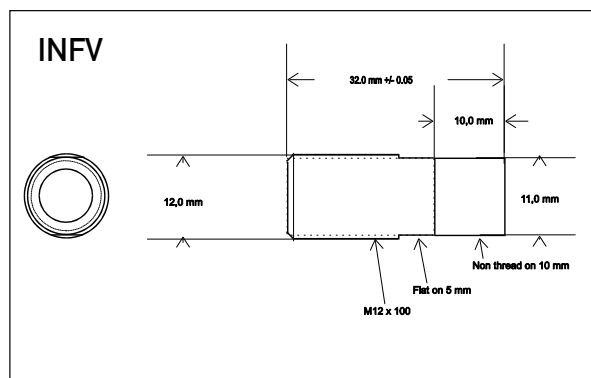
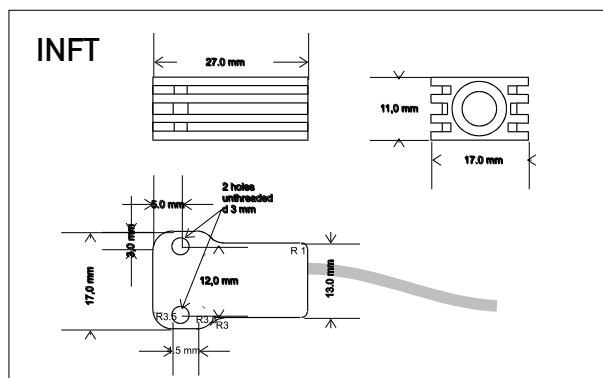
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