



INF (V/T) 1200°C

1/2

Analog brake disc temperature sensor Rectangular or Threaded cylinder

Range
Accuracy
Resolution at 1200°C
Response time

0 to 1200°C
1% FS
9 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

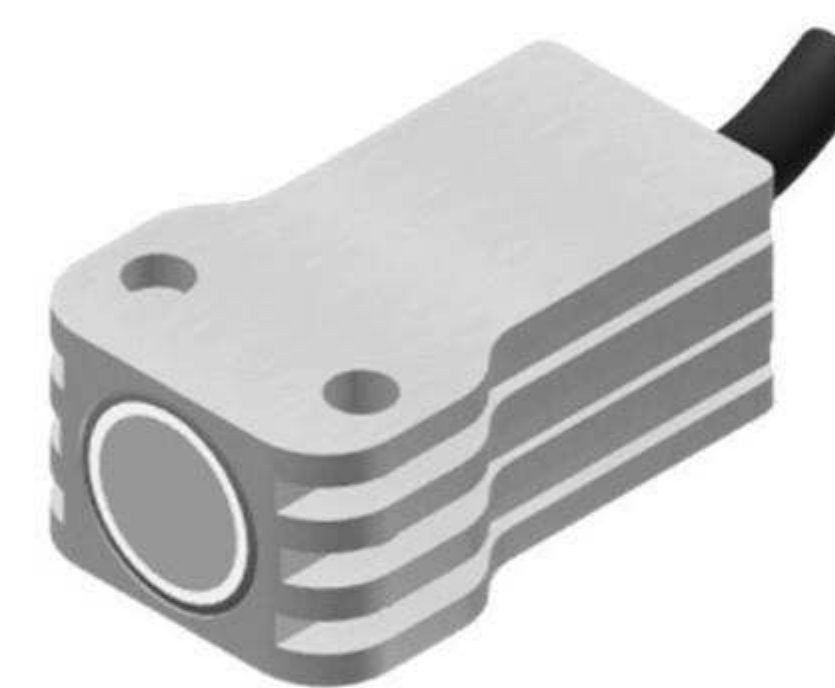
-20 to +100°C
-40 to +125°C

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

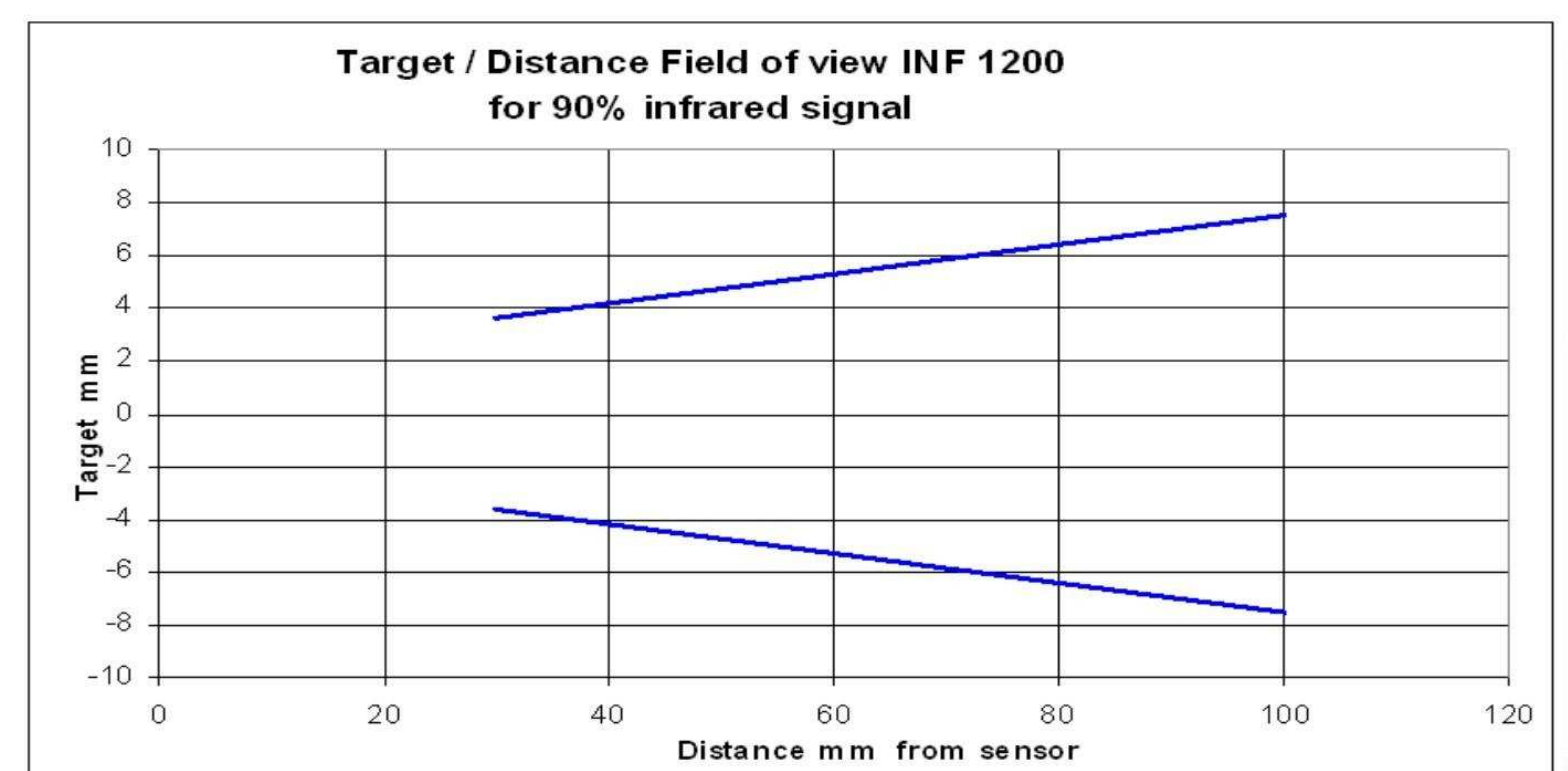
1 m cable of 3X26AWG FEP
tinned copper braided cable 250V 200°C

Ordering ref
INF - range - 1200
T
V

"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