

Non-contact Infrared Temperature Measurement System — NCIT-LC Advanced

Sensor Head Specifications

Environmental Rating: NEMA 4 (IP65)

Head Ambient Temperature Range: 14° to 248°F (-10° to 120°C)

With air cooling up to 392°F (200°C)

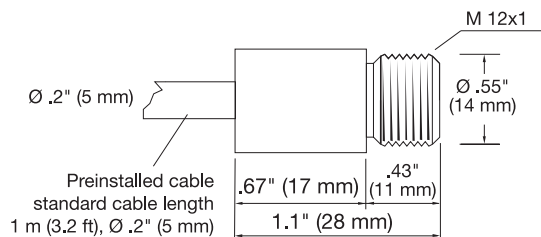
Cable Length: 3.3 ft (1m) standard, optional: 9.9 ft (3m),
26 ft (8m), 50 ft. (15m)

Storage Temperature: -4° to 185°F (20° to 85°C)

Relative Humidity: 10 to 90%, non-condensing

Construction: Stainless Steel

Weight with 1 m cable: 1.75 oz. (50g)



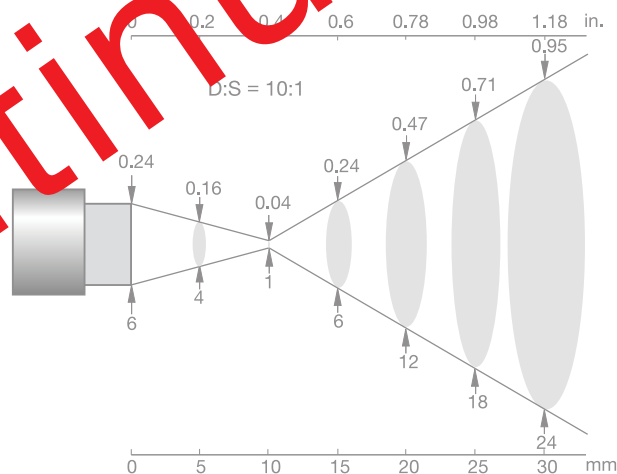
Available Sensor Heads

Part Number	Optics	Sensing Temperature Range	Response Time	Maximum Ambient Temperature	Type	Cable Length	Comments
REN30001	2:1	-40° to 1112°F (-40° to 600°C)	130ms	248°F/120°C	LTS	3.3 ft./1m	General Purpose
REN30002	10:1	-40° to 1112°F (-40° to 600°C)	130ms	248°F/120°C	LTS	3.3 ft./1m	General Purpose
REN30003	22:1	32° to 1832°F (0° to 1000°C)	130ms	248°F/120°C	LTS	3.3 ft./1m	General Purpose
REN30004	10:1	32° to 1832°F (0° to 1000°C)	20ms	248°F/120°C	LTF	3.3 ft./1m	Fast Response
REN30005	10:1	482° to 3002°F (250° to 1650°C)	130ms	248°F/120°C	G5	3.3 ft./1m	High temp sensing for glass applications

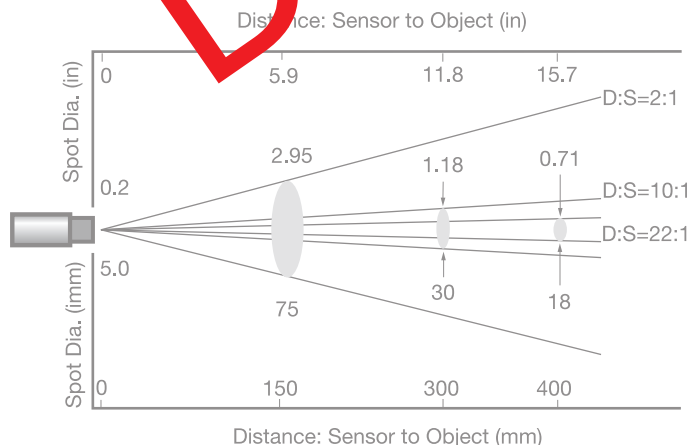
The NCIT-LC Advanced Infrared sensor heads can be supplied with the following optional cable lengths:

- 10 ft. / 3m cable
- 26 ft. / 8m cable
- 49 ft. / 15m cable
- 98 ft. / 30m cable

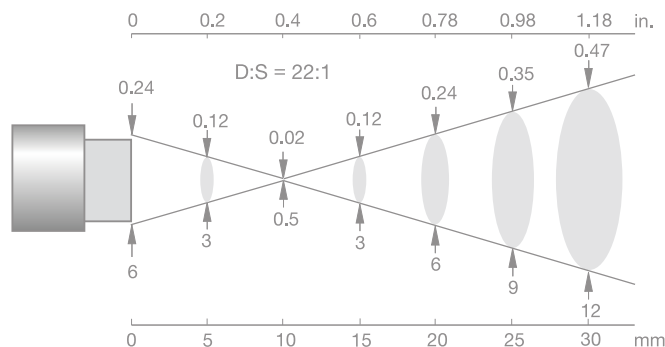
Calibration Certificate with NIST/DKD traceability can be provided. Specify when ordering.



10:1 optics with close focus accessory



2:1, 10:1 and 22:1 optics



22:1 optics with close focus accessory

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