



IRN2-C (4-20 mA output)

Linear analog & digital infrared sensor

Range	- 30 to + 220 °C
Accuracy	± 2 FS
Ambient temperature error	± 0.5 °C
Output	4 to 20 mA
Sensitivity	64 µA/°C
Response time (0-90%)	50 ms
Sensitive Element	Thermopile with silicone lens
Wave Length	8 to 14 µm
Field of view (90% radiation)	4:1 @50mm
Calibrators	FLUKE 4181
Emissivity (factory tuning)	95 %

Supply Voltage	22 to 26 V
Dimensions	M 12 x 34 mm
Material	Inox
Weight (without cable)	16 g
Protection	IP65
Vibration test	20 Gpp5'
Shock	500 G
Operating Temp	- 20 to + 120 °C
Storage Temp	- 25 to + 125 °C
1 m Cable	4 x 26 AWG FEP braided tinned copper 250 V 200°C

Recommended wiring:

Red Supply +
Black Supply -
White Do not connect & isolate
Braid

