

<http://www.irtek-temp.com/>

IRtek International

IRF400

Spectral Range	:	8 ~ 14 μ m
Distance To Spot Ratio	:	12 : 1
Measurement Range	:	0 ~ 400 ^\circ C (0.04mA/ ^\circ C) / 32 ~ 752 ^\circ F (0.022mA/ ^\circ F)
Analog Output	:	4 ~ 20mA (linear to temperature max. 700 ^\circ C @24V DC; min 100 ^\circ C recommended)
Loop Impedance	:	max. 150 ^\circ C @12V DC; min 100 ^\circ C recommended
Emissivity	:	fixed at 0.95
Response Time	:	300ms
Accuracy	:	2.0% of temperature reading or 2.0 ^\circ C/3.6 ^\circ F whichever is greater
Repeatability	:	1% of measured value or 1 ^\circ C/1.8 ^\circ F whichever is greater
Warm up times	:	10 minutes
Connection Cable	:	1m length, PVC
Power Supply	:	12 ~ 24V DC
Ambient Temperature	:	0 ~ 70 ^\circ C / 32 ~ 158 ^\circ F
Storage Temperature	:	-30 ~ 85 ^\circ C / -22 ~ 185 ^\circ F
Housing	:	Stainless steel tube
Mounting Nut	:	M22
Size	:	91mm x 122mm
Weight	:	158g
Enclosure rating	:	IP65 (according to DIN 40 050)
Vibration	:	IEC68-2-27 (MIL STD 810D), any axis, 11 to 200Hz, 3G
Shock	:	IEC68-2-27 (MIL STD 810D), any axis, 11ms, 50G

[Vendor Information](#)