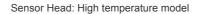


FT-H50K







SPECIFICATIONS

Model		FT-H50K
Туре		High temperature, Ultra long-range
Rated temperature range		0 to 1350°C 32 to 2462°F ^M
Displayable temperature range		-50 to +1400°C -58 to 2552°F
Detecting distance		Unlimited*2
Measuring distance / View diameter (example)		500/ø18 mm 15.69"/ø0.71" 1500/ø30 mm 59.06"/ø1.18" 3000/ø75 mm 118.11"/ø2.95"
Sight		2-point visible laser beam ^{*3}
Detecting element		Thermopile
Detecting wavelength		8 to 14 μm
Repeatability		±3°C 5.4°F
Emissivity (ε) correction		0.10 to 1.99 (0.01 step)
Environmental resistance	Ambient temperature	-10 to +55 °C 14 to 131 °F (No freezing)
	Relative humidity	35 to 85 % RH (No condensation)
	Vibration resistance	10 to 55 Hz, Double amplitude 1.5 mm 0.06", 2 hours in each of the X, Y, and Z axis
	Shock resistance	500 m/s ² , 10 times in each direction of each of X, Y and Z axis, 60 times in total
Material		Case: Reinforced glass plastic, Infrared collector lens: Germanium, Laser transmitter: Polyarylate Lens tube: Aluminum, Cable: Vinyl chloride, Mounting bracket: SUS304, Mounting screw: Stainless steel
Accessory		Mounting bracket
Weight		Approx. 150 g

^{*1} Repeatability is guaranteed within the rated temperature range.

*2 Place at a distance so that object appears 1.5 times larger than the view diameter.

*3 Visible semiconductor laser beam wavelength 655 nm, Class 1 Laser Product (IEC60825-1, FDA (CDRH) Part1040.10). The laser classification for FDA (CDRH) is implemented based on IEC 60825-1 in accordance with the requirements of Laser Notice No.50.



Dimensions

