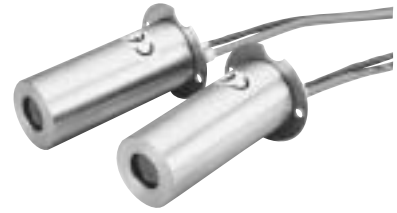




# RT70

## Radiamatic Temperature Detector

The RT70 is a compact, easy-to-use and low-cost radiamatic temperature detector with a simulated K thermocouple output or voltage linear output. The RT70 has a wide range of temperature-sensing applications and features high speed operation and durability.



### Specifications

Temperature range	-20 to +300°C
Accuracy	±6°C
Repeatability	±0.25%FS
Resolution	±0.1%FS
Spectral response	6.5 to 14.0μm
Field of view ratio	Approx. 6:1 (measurement distance: target diameter)
Power	7 to 15Vdc
Current consumption	10mA
Ambient temperature	0 to 60°C (without cooling jacket) Up to 200°C (with cooling jacket)
Ambient humidity	100% RH (no condensation allowed)
Housing	Stainless steel, dustproof and splash-proof (NEMA4)
Mass	70g (thermocouple output type) 85g (voltage linear output type)
Accessories (sold separately)	81409169 Cooling jacket for air purging

### Selection Guide

Model No.	Description
RT70S06K230000	RT70 K thermocouple output type
RT70S06L230000	RT70 voltage linear output type

### Dimensions

(Unit: mm)

