10-IRman

IR Thermometer

| Application

Plastic,
Fluid,
Lumber,
Rubber,
Glass,
Paper,
Asphalt,
Coating,
Ceramics,
Food,
etc,.

| Features

10-IRMAN non-contact infrared thermometer measures the amount of infrared energy emitted from object and transmits standard current output signal (4~20mA) or RS-485 communication output signal. Also, it transmits relay contacts for alarm signal.
As 10-IRMAN is composed of infrared sensor head & LCD display with keypad, you can check the temperature value in real-time at the installation site.
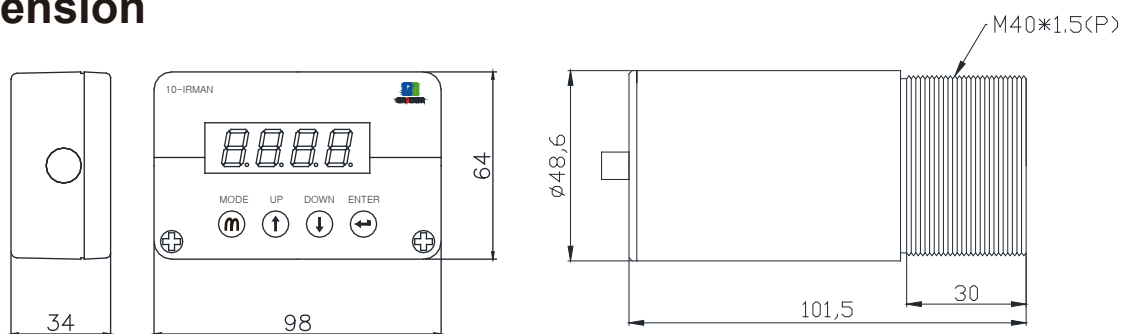Adapting optical lens offers improved measuring accuracy and 40:1 Field of View offers accurate measurement for long distance object. You can measure the temperature ranged from -20 to max. 1000℃ with adjustable measurable temperature range.
Emissive rate can be adjusted 0.10 ~ 0.99.

| Dimension

| Product Specification

Segment	10-IRman
Range	−20～1000℃
Sensor Type	Thermopile
Accuracy	±1%/F.S or 1℃
Error Range	±1%
Field of View (D:S)	40：1
Wavelength Range	8～14μm
Response Time	Within 100msec
Emissivity	0.10～0.99
Output Signal	RS−485
Analog Output	4～20mA
Power	DC 20～24V (Max 200mA)
Operating Temperature	0～70℃
Resolvable Temperature	0.1℃
Relative Humidity	5～90%
Storage Temperature	−30～85℃
International Protection	IP65, NEMA 4
External Material	SUS
Cable Length	3m, other
Relay Contact	AL 1, AL 2 (A Contact)

| Authorized Distributor