NS10P Wiring

Model	Power 24VDC(＋)	Power 24VDC(－)	Output 4~20mA(＋)	Output 4~20mA(－)	RS485 (T+/A)	RS485 (T-/B)	Laser Trigger
NS10P	red	black	white	green	yellow	grey	blue

H1 ：600°C ~ 1600°C
H2 ：300°C ~ 1300°C
H3L ： 60°C ~ 400°C
H3 ： 100°C ~ 600°C

Laser Sighting: When connecting a 24VDC power supply, the laser sighting of NS10P will turn on for two minutes then it will be shut down automatically. To restart the laser, the user needs to turn off the 24VDC power then turn it on again, or the laser sighting can be activated via a trigger by shorting the Laser Trigger (blue) and Power ground **-** (black). That it can be done with a switch or push button which the user installed on site. At ambient temperature > 50°C, the laser will be switched off automatically.

* NOTICE *

Thank you for choosing the NS10P series infrared thermometer, each single unit passes a quality process before shipment; to ensure its quality and functionality, providing customers with the best service. We need your cooperation in using the NS10P thermometer, please pay attention to the following two things, in order to ensure the unit can functioning properly. Failure to comply with the following requirements resulting damage the unit is not apply to factory's warranty.

1、Power supply:

a. When connecting a 24VDC power supply to NS10P series, be sure to confirm the polarity of power, the positive (+) and negative (-) cannot be reversed, otherwise it will damage the thermometer. *****

b. The power supply of NS10P series is DC 24VDC @ 100mA. Be sure to use industrial grade power supply to meet the specification. Do not use household level AC Adapter or low cost DC power supply that cannot provide proper protection, in order to avoid over voltage or transient voltage occurs in power system to damage the sensor.

2. Operating (ambient) temperature

NS10P series have a stainless steel 304 protect housing and provide non-contact temperature measurement up to 1600°C through an optical lens. But the NS10P unit is designed to operate in ambient temperature highest to 70°C. Above this range will result in a permanent damage to electronic components.

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