High Temperature Infrared Temperature Sensor TS-402

Product Features:

Rugged metal case ; easy installation

High-precision, high optical resolution
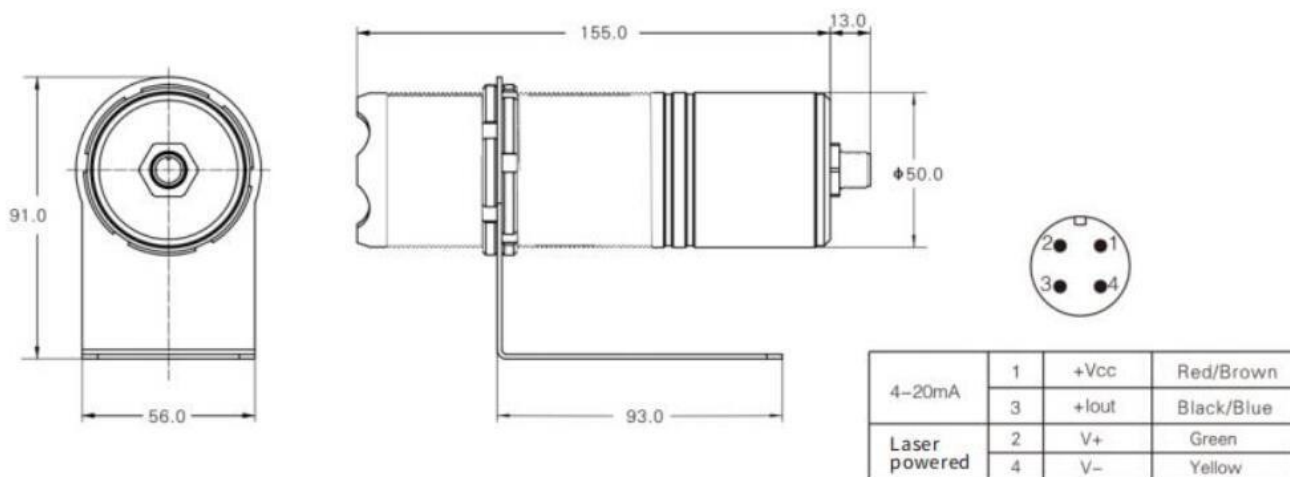
4 ~ 20mA standard signal output

Safe to use, long life to use

Dual laser light can be more effective to focus on the measured object and improve the measurement accuracy

Technical Parameters

Temperature range	-50~1800℃(-58~3272°F)
Temperature accuracy	± 2% or ± 2 ℃
Signal output	4-20mA
Supply voltage	24VDC 50mA Max
Ambient temperature	0 ~ 50 ℃
Storage temperature	-20~50℃
Repeatability	±1% or ±1℃
Emissivity	0.95
Response time	500ms
Response wavelength	8-14um
Relative humidity	10-95% RH
Shell	Aluminum+Stainless steel
Electrical connection	M12 Connector
Laser Powered	9V Battery (use before fixed installation)
IP grade	IP65
Certification standards	CE certificate, Compliance with EU anti-electromagnetic interference standards

Product size and wiring method

4–20mA	1	+Vcc	Red/Brown
	3	+Iout	Black/Blue
Laser powered	2	V+	Green
	4	V–	Yellow

M12 connector

Scope of application

Physical, electrical, electronic and other measurement areas

Steel, glass and plastic industry

Temperature monitoring in process and production field

Metallurgy, petrochemicals, electric power, light industry, textile industry, food industry, Defense and scientific research