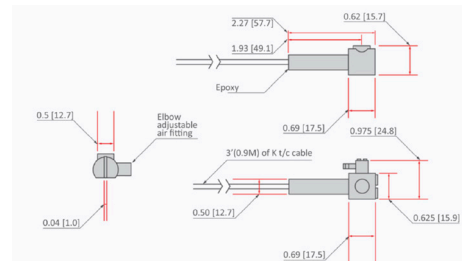


AUTOSMART 3SV

Product Overview

The AutoSmart 3SV features:

- Infrared Thermocouple IRt/c
- Non-contact
- Self-powered
- Intrinsically Safe
- Repeatability 0,01°C (0.02°F)
- Interchangeability ±1%
- Resolution approx. 0.0001°C (0.0002°F)
- Small Size

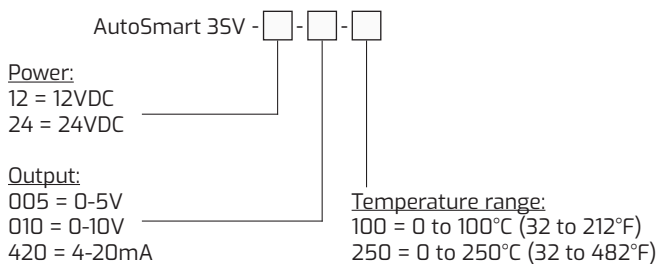


Technical Data

Sensor Range	-35 to 250°C (-31 to 482°F)
Sensor Ambient Temperature Range	-18 to 100°C (0 to 212°F)
Transmitter Ambient Temperature Range	0 to 70°C (32 to 158°F)
Storage Temperature Range	-10 to 70°C (14 to 158°F)
Field of View	approximately 17° (3:1)
Minimum Spot Size	5 mm (0.2")
Spectral Response	6,5 to 14µm
Update Time	Approximately 250 msec.
First Reading Upon Power Up	Approximately 2 seconds

Connector cable	3 m (9.8 ft) 22AWG*4C + F + Jacket black PUR cable OD=5,0 mm -40°C~+105°C
Sensor cable	0,9 m (3 ft) Twisted shielded pair of base thermocouple material (J,K,E,T) Telfon sheathed, rated to 200°C (392°F) continuous service
Sensor Dimensions	See diagram above
Weight	Sensor: 44g (1.6oz.) with cable. Transmitter: Approximately 50g (1.702oz.)
Housing	Stainless steel, hermetically sealed, exceeds NEMA 4,4X; IP65, 67, cable shield grounded to housing and electrically isolated from signal
Emissivity Setting	0,90
Power	12 or 24VDC (±10%). Shuts off when voltage is functionally low
Power Consumption	±10mA (without output signal device)
Including Air Purge	Built-in; for cooling and cleaning of sensor
Loop Impedance	(4-20mA models) >500Ω

Ordering Information



Dimensions

