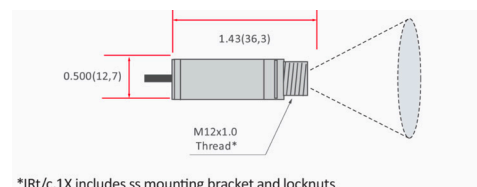


## AUTOSMART 1X

### Product Overview

The AutoSmart 1X features:

- Output 0-5V, 0-10V, 4-20mA
- Non-contact
- Repeatability error 0,1% full scale
- Interchangeability  $\pm 1,5\%$  full scale
- Resolution approx. 0,1°C (0,2°F)
- Small size sensor



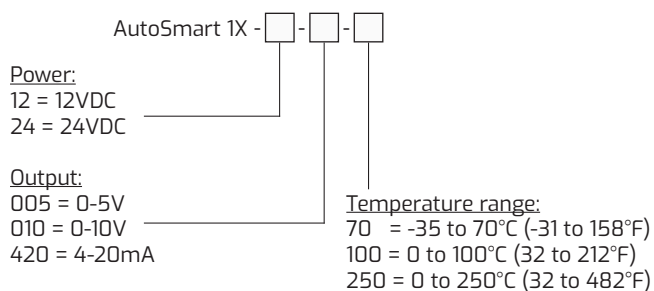
\*IRt/c.1X includes ss mounting bracket and locknuts

### 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	60° (1:1) approximately
Minimum Spot Size	8 mm (0.3")
Spectral Response	5,0 to 20μm
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) Thermocouple extension grade, PVC jacket, unshielded
Sensor Dimensions	36,3 x 12,7 mm Dia. (1.43" x 0.50")
Weight	Sensor: 40g (1.4oz.) with cable. Transmitter: Approximately 50g (1.702 oz.)
Housing	Sensor: Stainless steel, hermetically sealed, exceeds NEMA 4,4x; IP65,67, cable shield grounded to housing and electrically isolated from signal. Transmitter: Heavy Duty SS, NEMA, IP54
Emissivity Setting	0,90
Power	12 or 24VDC ( $\pm 10\%$ ). Shuts off when voltage is functionally low
Power Consumption	$\pm 10\text{mA}$ (without output signal device)
Loop Impedance	(4-20mA models) >500Ω

### Ordering Information



### Dimensions

