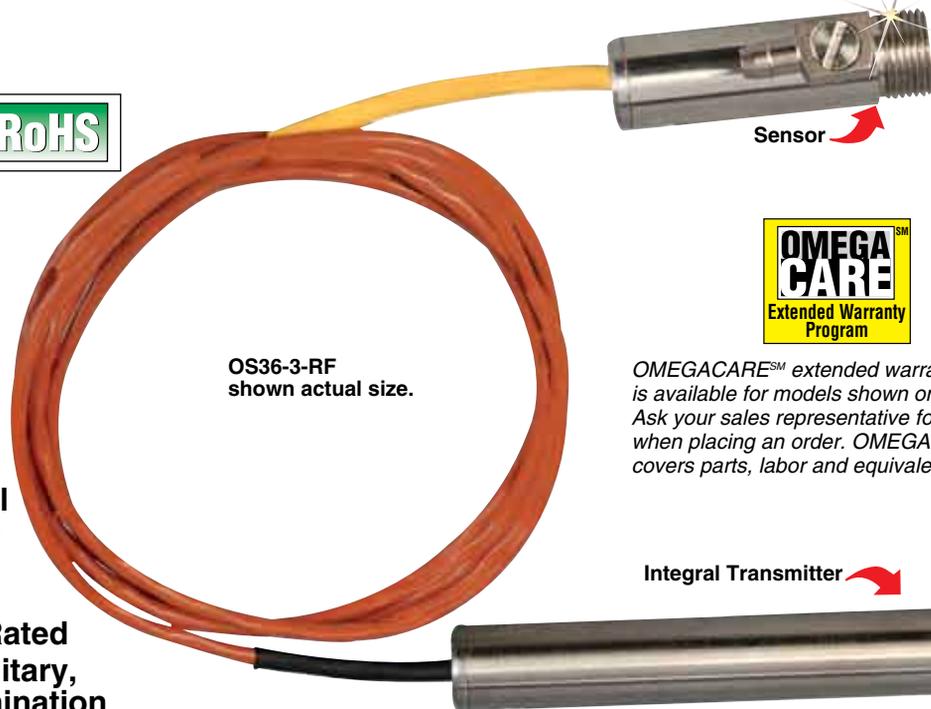


Rugged Infrared Non-Contact Temperature Sensor



OS36-3-RF



- ✓ High Quality Infrared Transmitter
- ✓ All Stainless Steel Construction Can Withstand Harsh Environments
- ✓ NEMA 4X (IP67) Rated
- ✓ Non-Contact, Sanitary, No Cross Contamination
- ✓ Drift Free Output of 0 to 10V with Changes in Ambient
- ✓ 3:1 (17°) Field of View

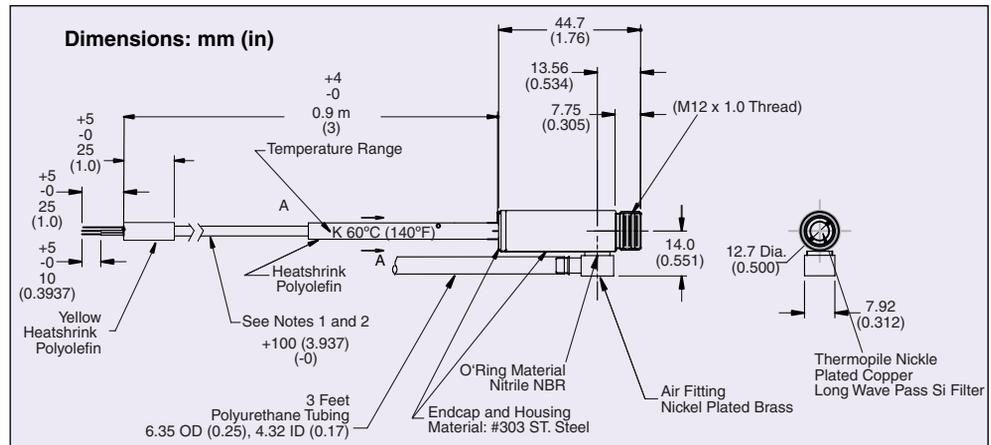
OS36-3-RF shown actual size.



OMEGACARESM extended warranty program is available for models shown on this page. Ask your sales representative for full details when placing an order. OMEGACARESM covers parts, labor and equivalent loaners.

Integral Transmitter

The OS36-3-RF is ideal for use in refrigerated foods environments. Highly reliable (minimal downtime), hermetically sealed, immersible for wash downs, with built-in air purge. No span or zero adjustment necessary. The inline design requires no mechanical support. Calibrated for food temperature range -18 to 38°C (0 to 100°F). The model features a 3:1 (17°) with a minimum spot size of 6 mm (0.25").



- Environmental:** Hermetically sealed, exceeds NEMA 4X (IP67), CE and RoHS rated
- Spectral Response Time:** 6.5 to 14 microns
- Emissivity:** 0.90
- Response Time (95% of Step Change):** 250 msec (10 Hz bandwidth)
- Field of View:** 3:1 (17°)
- Minimum Spot Size:** 6 mm (0.25")

Specifications

- Temperature Range:** -18 to 38°C (0 to 100°F)
- Analog Output:** 0 to 10 Vdc
- Power Requirements:** 24 Vdc (±5%)
- Accuracy:** ±3.5°F of reading
- Repeatability:** ±1% of reading
- Ambient Operating Temperature:** -18 to 38°C (0 to 100°F)
- Storage Temperature:** -18 to 38°C (0 to 100°F)
- Dimensions:** 12.7 OD x 44.7 L mm (0.50 x 1.76") PFA coated lead wires
- Transmitter Housing:** Stainless Steel, hermetically sealed meets or exceeds all applicable NEMA ratings; housing electrically isolated from signal

To Order Visit omega.com/os36-3-rf for Pricing and Details

Model No.	Description
OS36-3-RF	Infrared transmitter with 0 to 10 Vdc

Comes complete with operator's manual.

Ordering Example: OS36-3-RF, infrared transmitter with 0 to 10 Vdc with -18 to 38°C (0 to 100°F) range.

OCW-3, OMEGACARESM extends standard 2-year warranty to a total of 5 years.