



Smart-Micro IR T/C

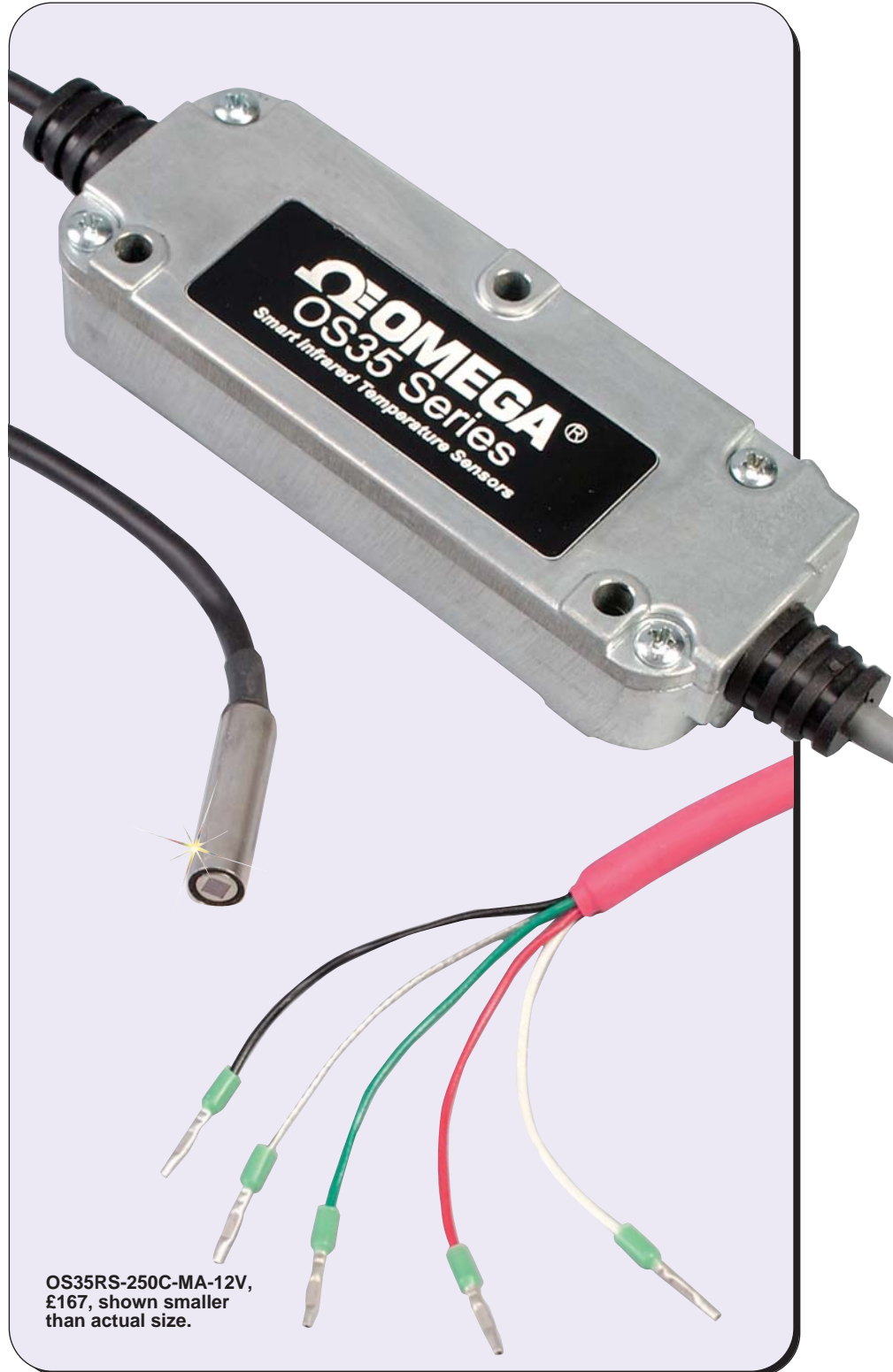
Adding Smart Linearisation to the Smallest IR Temperature Sensors in the World!

OS35RS Series
Starts at
£167

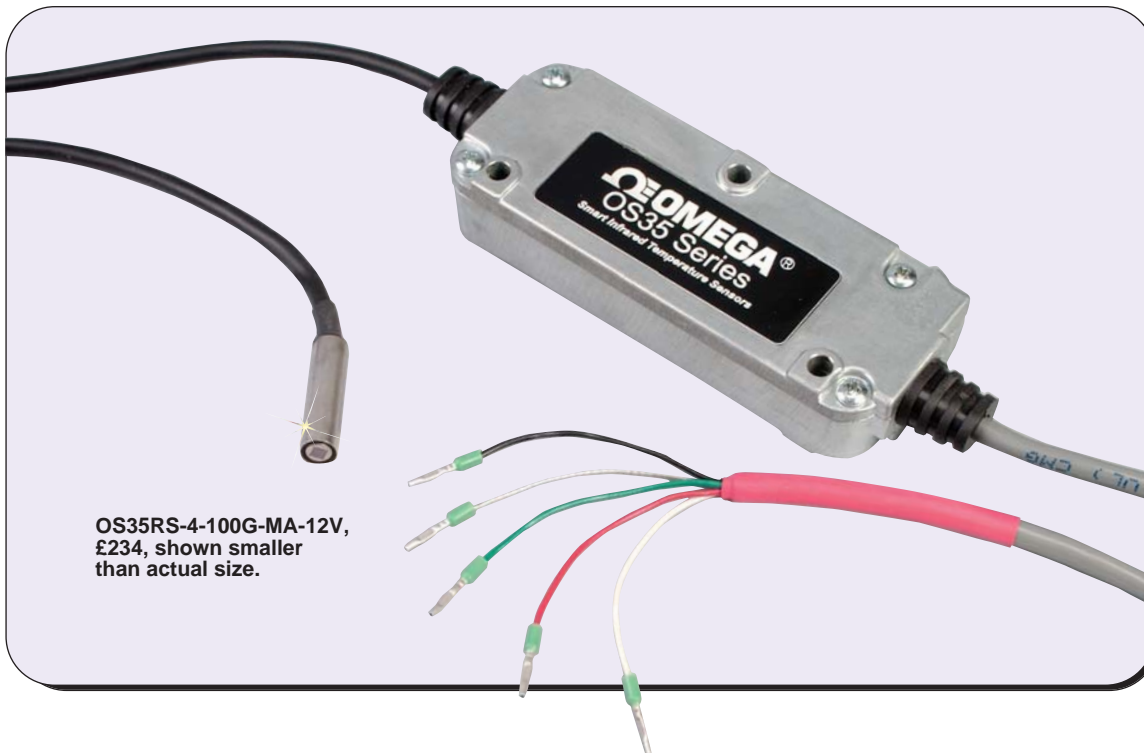


- ✓ Non-Contact Temperature Measurement, That's Plug and Play
- ✓ No Impedance, Leakage Current, or Linearity Problems to Worry About
- ✓ Sensor Head is Remote and without Air Purge can be Used in Ambient Temperatures to 100°C and with Small Sized Air Purge Jacket can be Cooled to 175°C
- ✓ The Sensor Heads are the Smallest Sized in the Market (0.25" Diameter)
- ✓ Precision with Changes in Sensor Head Ambient
- ✓ All Digital System

The smallest sized IR temperature sensor in the world now has brains. By combining the OS36-SM sensor head with the OS35 platform, precision in small places is now a reality. The OS35 processes the signal from the microIRt/c, linearises, and gives an analogue output (4 to 20 mA, 0 to 5 V, 0 to 10 V). Accuracy holds with changes in ambient from -45 to 100 °C, with no drifting. Four sensor heads with 1:2 and 4:1 optics, straight and side view mounting, built in air purge (cool to 120 °C), air purge jackets (cool to 175 °C), and mounting brackets are available.



OS35RS-250C-MA-12V,
£167, shown smaller
than actual size.



OS35RS-4-100G-MA-12V, £234, shown smaller than actual size.

Temperature Range Table (Table 1)

| Temperature Code | Temperature Range |
|------------------|-------------------|
| 100°C | 0 to 100°C |
| 250°C | 0 to 250°C |
| 70°C | -30 to 70°C |
| 500°C (*) | 0 to 500°C |

(*) This temperature range is only available with models of 4:1 FOV.



Output Options Table (Table 2)

| Output Suffix | Output Type |
|---------------|---------------------------|
| MA | 4 to 20 mA |
| V10 | 0 to 10 Volt |
| V5 | 0 to 5 Volt |
| RS2 | RS232 communications port |

Power Supply Table (Table 3)

| Power Supply Suffix | Power |
|---------------------|---------------------|
| 12V | 12 Vdc power supply |
| 24V | 24 Vdc power supply |

MOST POPULAR MODEL HIGHLIGHTED!

To Order (Specify Model Number)

| Model No. | Price | Description |
|------------------------|-------|-------------------------------------|
| OS35RS-(1)-(2)-(3) | £167 | Smart-microIRt/c, 1:2 FOV |
| OS35RS-4-(1)-(2)-(3) | 234 | Smart-microIRt/c.4, 4:1 FOV |
| OS35RS-SV-(1)-(2)-(3) | 218 | Smart-microIRt/c.SV 1:2, side view |
| OS35RS-4SV-(1)-(2)-(3) | 291 | Smart-microIRt/c.4SV 4:1, side view |

Comes with complete operator's manual

⁽¹⁾ Specify temperature code from Temperature Range Table 1.

⁽²⁾ Specify output suffix from Output Options Table 2.

⁽³⁾ Specify power supply suffix from Power Supply Table 3.

Ordering Example: OS35RS-100C-MA-12V, OS35-RS with a FOV 1:2, temperature range of 0 to 100°C, 4 to 20 mA output and 12 Vdc power supply, **£167**. OCW-3, OMEGACARESM extends standard 1-year warranty to a total of 4 years (**£42**), £167 + 42 = **£209**.



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• Flow and Level

Air Velocity Indicators, Doppler Flowmeters, Level Measurement, Magnetic Flowmeters, Mass Flowmeters, Pitot Tubes, Pumps, Rotameters, Turbine and Paddle Wheel Flowmeters, Ultrasonic Flowmeters, Valves, Variable Area Flowmeters, Vortex Shedding Flowmeters

• pH and Conductivity

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• Heaters

Band Heaters, Cartridge Heaters, Circulation Heaters, Comfort Heaters, Controllers, Meters and Switching Devices, Flexible Heaters, General Test and Measurement Instruments, Heater Hook-up Wire, Heating Cable Systems, Immersion Heaters, Process Air and Duct, Heaters, Radiant Heaters, Strip Heaters, Tubular Heaters