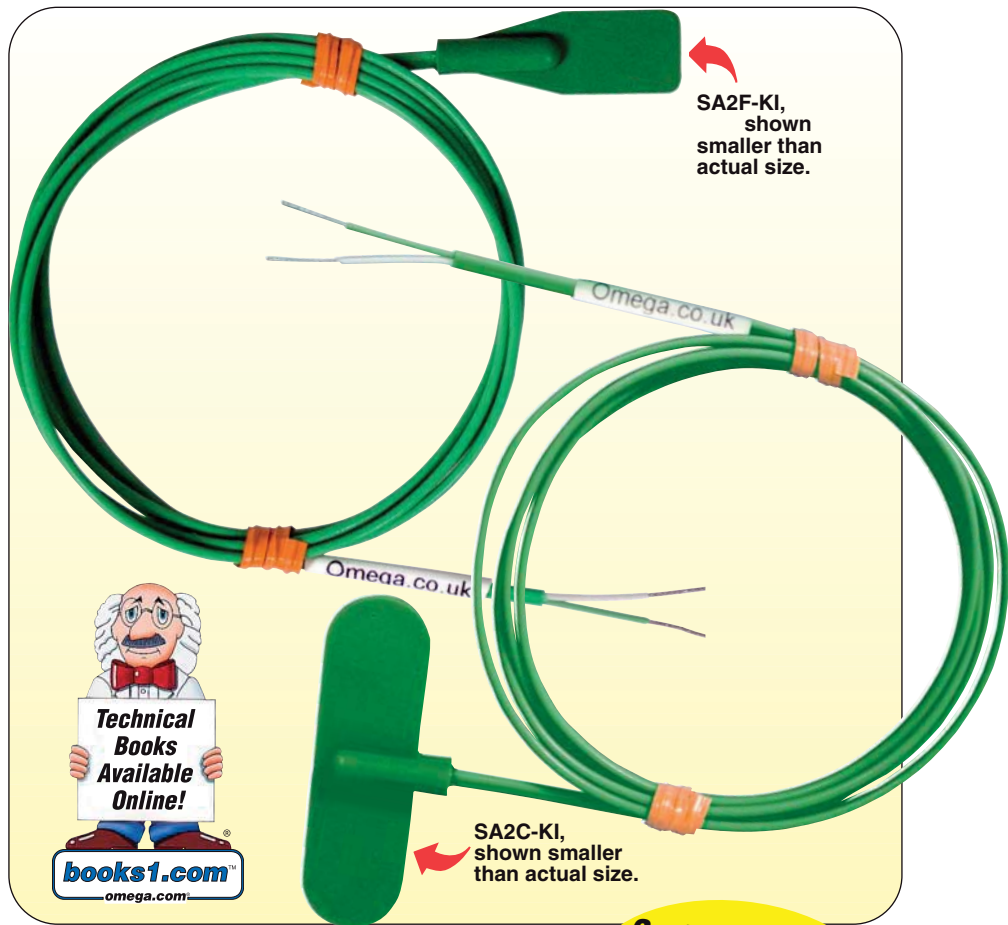




# Self-Adhesive Thermocouples Moulded Silicone Design for Curved and Flat Surfaces

SA-2 Series  
Start at

- ✓ Ultra-Slim Silicone Rubber for Maximum Flexibility
- ✓ Self-Adhesive Foil Backing for Faster Response Time
- ✓ 2 Styles Available for Flat or Curved Surfaces
- ✓ Resistant to a Variety of Chemicals and Oils
- ✓ Temperature Range -30 to 150°C
- ✓ Available in J, K, T and E—Colour Coded for Instant Thermocouple Recognition
- ✓ 7/0.2 mm Stranded Thermocouple Wire
- ✓ Stripped Leads Standard (A Variety of Connector Options Are Available)



**Custom Lengths,  
Insulations, and  
Configurations  
Available**

These sensors are available in 2 different mounting styles for flat or curved surfaces. The integral thermocouple sensor is bonded onto the inner surface of the self adhesive aluminum foil strip, which is provided for faster response times.

## Specifications

### Dimensions:

**SA2C:** 15 x 50 mm (0.59 x 1.97")

**SA2F:** 35 x 12 mm (1.38 x 0.47")

**Wire:** 7/0.2 mm stranded thermocouple wire, 1 m (40") and 2 m (80") lengths; custom lengths available

**MOST POPULAR MODELS HIGHLIGHTED!**

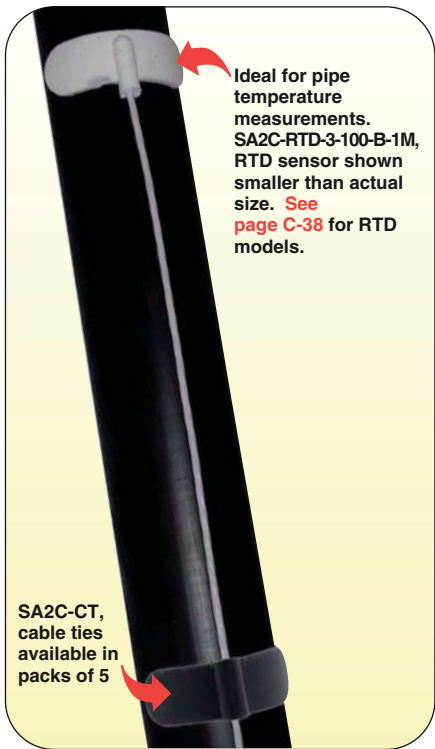
To Order (Specify Model Number)	
Model No.	Description
SA2C-(*)I	15 x 50 mm (0.59 x 1.97") curved surface sensor, 1 m (40") lead wire, stripped ends
SA2C-(*)I-2M	15 x 50 mm (0.59 x 1.97") curved surface sensor, 2 m (80") lead wire, stripped ends
SA2C-(*)I-3M	15 x 50 mm (0.59 x 1.97") curved surface sensor, 3 m (120") lead wire, stripped ends
SA2C-(*)I-SMPW-CC	15 x 50 mm (0.59 x 1.97") curved surface sensor, 1 m (40") lead wire, ultimate mini male connector
SA2F-(*)I	35 x 12 mm (1.38 x 0.47") flat surface sensor, 1 m (40") lead wire, stripped ends
SA2F-(*)I-2M	35 x 12 mm (1.38 x 0.47") flat surface sensor, 2 m (80") lead wire, stripped ends
SA2F-(*)I-3M	35 x 12 mm (1.38 x 0.47") flat surface sensor, 3 m (120") lead wire, stripped ends
SA2F-(*)I-SMPW-CC	35 x 12 mm (1.38 x 0.47") flat surface sensor, 1 m (40") lead wire, ultimate mini male connector

\* Specify J, K, T or E thermocouple type.

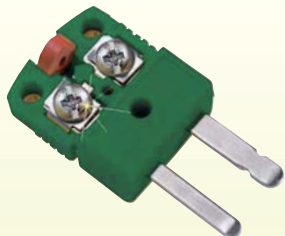
For standard size connector, replace "SMPW-CC" in the part number and replace with "OSTW-CC", no additional charge. For additional lead wire, add per metre.

**Ordering Example:** SA2C-KI-2M-SMPW-CC, self-adhesive silicone sensor for curved surfaces, Type K, 2 m (80") lead wire with ultimate mini male cable clamp connector





Termination options are available for easy operation in conjunction with OMEGA handheld thermometers or other instruments:



Miniature Thermocouple Plug  
SMPW-M  
(e.g., SA2C-KI-SMPW-M)



Crimped Ferrules  
CF  
(e.g., SA2C-KI-CF)



Twisted/Shielded Thermocouple Wire  
(e.g., TT-KI-24S-TWSH-10M)



4 to 20 Milliamp Transmitter  
STCTX  
(e.g., SA2C-KI-STCTX-K1)

Turn these sensors into complete measurement systems with the following popular instrument options:



HH802W  
Handheld thermometer with  
Wireless Data Transmission,  
visit [omega.co.uk](http://omega.co.uk)



HH11A  
Handheld Thermometer,  
see page L-6



OM-DAQPRO-5300  
Handheld Datalogger,  
see page R-7



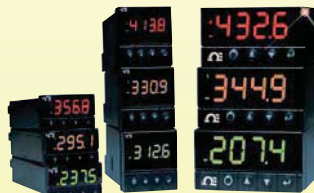
iDRX/iDRN  
DIN Rail Mount Signal  
Conditioners with Analogue,  
RS232 or RS485 Output,  
see page N-5



iDR  
DIN Rail Mount  
Controller/Transmitter with  
Optional Analogue, Control and  
Ethernet Outputs, from  
see page N-13



DP41-B  
6-Digit Panel Meter with High  
Accuracy and Resolution,  
see page M-19



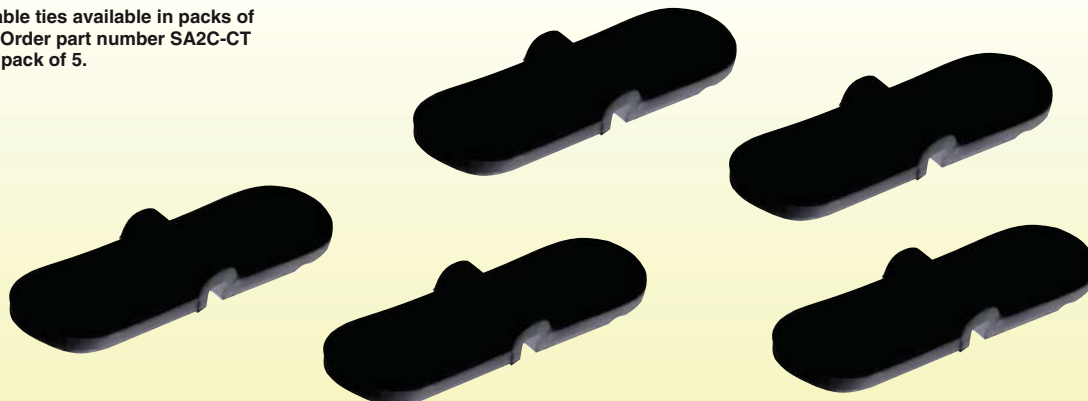
DPI32,  
see page M-11



UWTC-1  
Wireless Thermocouple  
Transmitter,  
see page N-1

**AVAILABLE FROM STOCK IN CONVENIENT 5-PACKS!**

Cable ties available in packs of 5. Order part number SA2C-CT at pack of 5.



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