

All the probes in this series meet the Standard Limits of Error.



Model No. 88304(*)

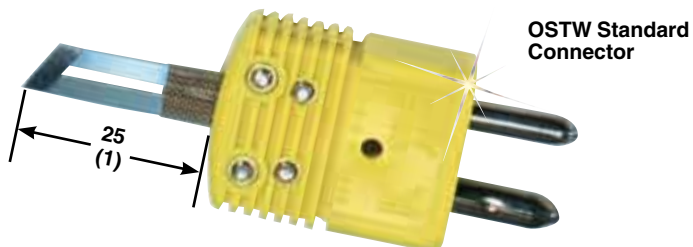
Flat, leaf-type thermocouple ideal for measuring layers of plywood, plastic, paper and various laminates, with long, 48 cm (19") length. The thermocouple is 0.15 mm (0.006") thick and protected by a 0.8 mm (0.032") PFA jacket, with 50 mm (2") bare at the measurement end. Maximum service temperature is 215°C (420°F). The 88304 is supplied with an OMEGA® OSTW standard-size connector with a TAS-2 standard-to-mini adaptor, and TEC extension cable.

Due to the design and construction of the 88304, the element is not replaceable.

Model No. 88303(*)

Short leaf-type thermocouple ideal for measuring layers of plywood, plastic, paper and various laminates. The thermocouple is 0.25 mm (0.010") by 0.71 mm (0.028"), protected by a 0.51 mm (0.020") PFA jacket. Maximum service temperature is 215°C (420°F). The 88303 is supplied with an OMEGA® OSTW standard-size connector with a TAS-2 standard-to-mini adaptor, and TEC extension cable.

Due to the design and construction of the 88303, the element is not replaceable.



Model No. 88309(*)

Fast response flat leaf-type thermocouple ideal for measuring layers of plywood, plastic, paper and various laminates. The thermocouple is 100 mm (4") long and 0.05 mm (0.002") thick. Maximum service temperature is 210°C (410°F). The 88309 is supplied with an OMEGA® OSTW, TAS-3 adaptor and TEC extension cable.

Due to the design and construction of the flat leaf-type element, it is not replaceable.

SMPW Miniature Connector

All models shown actual size.

Flat leaf-type thermocouple ideal for measuring layers of plywood, plastic, paper and various laminates. The small transition allows the probe to be permanently mounted in many installations. Max surface temperature is 210°C (410°F). The 88302 is supplied with an OMEGA® SMPW, TAS-3 adaptor and TEC extension cable.

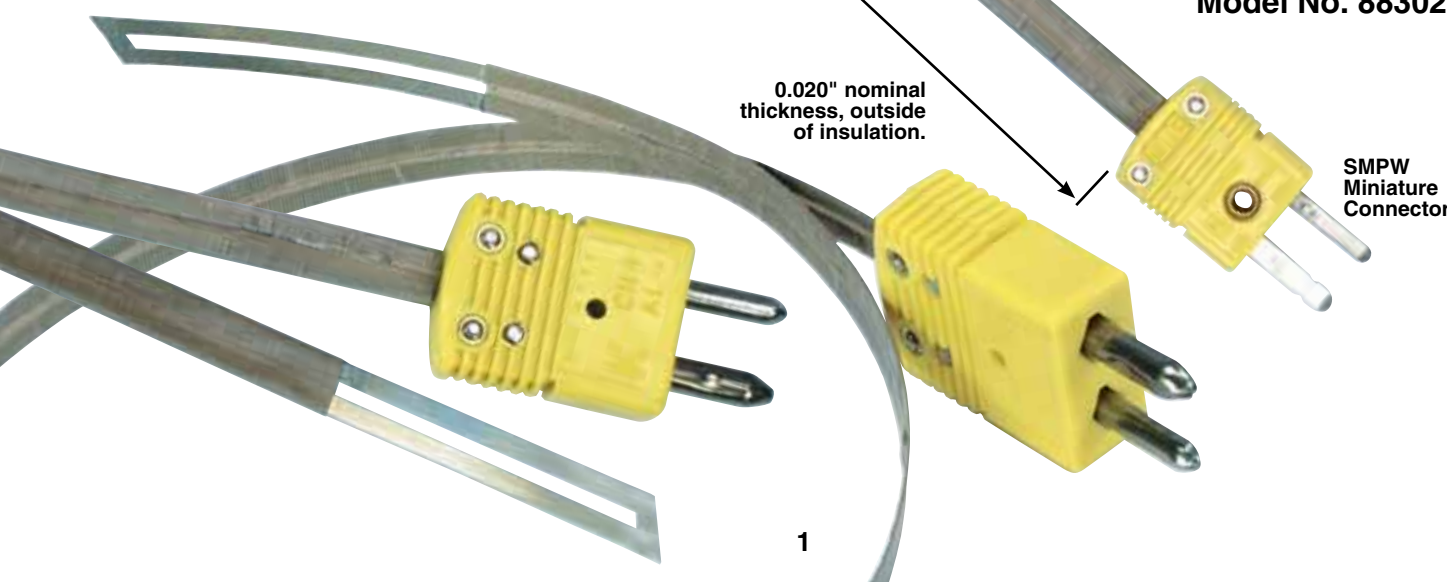
Due to the design and construction of the 88302, the element is not replaceable.

Ordering Example: 88302K style 88302 leaf-type probe in Type K thermocouple.

Model No. 88302(*)

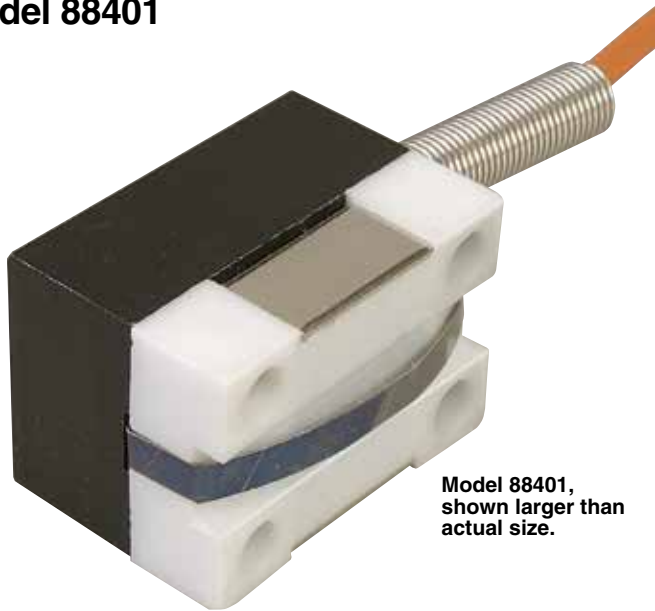
0.020" nominal thickness, outside of insulation.

SMPW Miniature Connector

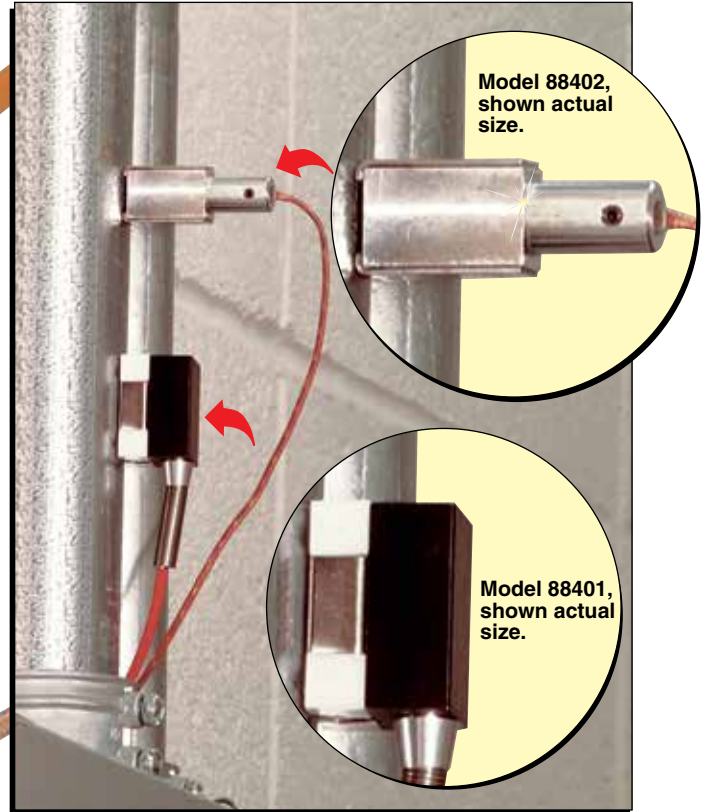


Magnetic Thermocouple Probes

Model 88401



Model 88401, shown larger than actual size.



Model 88402, shown actual size.

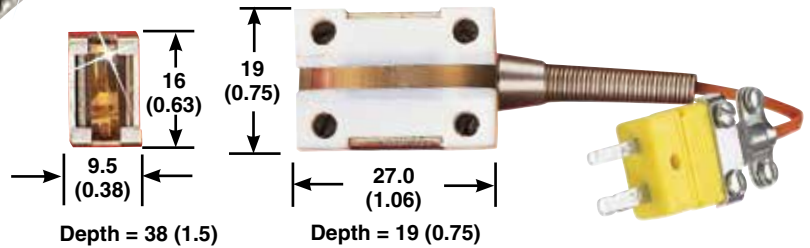
Model 88401, shown actual size.

Model 88402



Model 88402, shown larger than actual size.

Dimensions: mm (inch), shown actual size.



Magnetized probes, suitable for long term contact pressure. Requires 10 seconds to reach full surface temperature. The 88401 uses PFA insulated lead wire and is rated to a max surface temperature of 250°C (480°F). The 88402 uses “GG” fiberglass insulated lead wire and is rated to a max service temperature of 400°C (752°F). Sold Separately: SMPW connector and TAS adaptor.

To Order

| Model No. | Description |
|-----------|---|
| 88401K | Magnetic K thermocouple, max temp 250°C (480°F) |
| 88401E | Magnetic E thermocouple, max temp 250°C (480°F) |
| 88402K | Magnetic K thermocouple, max temp 400°C (752°F) |
| 88402E | Magnetic E thermocouple, max temp 400°C (752°F) |

Accessories

| Model No. | Description |
|-----------|---------------------------------|
| 88401K-RE | Replacement K element or 88401K |
| 88401E-RE | Replacement E element or 88401E |

Thermocouple Types:

K: CHROME[™] -ALOMEGA[™]
E: CHROME[™] -Constantan

Sold Separately Transition Adapter from Flat pin to Round pin male, TAS-* -3, where * is for calibration type. **88401** probes come with a replaceable element. Due to the design of the **88402**, the element is not replaceable.

Ordering Example: **88401K**, magnetic K thermocouple.