

Multipin Design Thermocouple Connectors

Model MTC with 200°C (392°F) Maximum Service Temperature

MTC Series
Starts at

£**27.50**

For Five-Cavity
Female Flanged Connector—
Pins Sold Separately

- ✓ Thermocouple Alloy Pins
- ✓ Air and Moisture Resistant Connection
- ✓ Removable Crimp Contacts
- ✓ 20 to 24 AWG Stranded Wire
- ✓ Aluminum Shells
- ✓ Black Anodized Finish
- ✓ Threaded Coupling

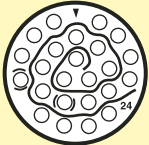
Recommended for Use
With Stranded Wire



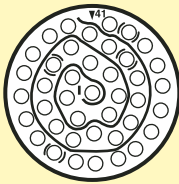
5-Pin



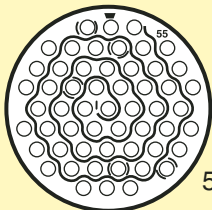
12-Pin



24-Pin



41-Pin



55-Pin

Contact cavities are identified with a spiral guide line indicating cavity sequence. The first and last cavities are numbered and every tenth cavity is bracketed.

Shown larger
than actual size



See page H-47 for
multipair extension cable.

Shown with In-Line Cable
Connector with Optional
Backshell Cable Clamp

OMEGA® sturdy multipin connectors provide an efficient means of joining multiwire thermocouple cables. They can be used with multiple OMEGA® extension wire for rapid, convenient connections and for dismantling an apparatus without handling individual sensors.

When used with MTC Series pins, the connector design utilizes a combination of resilient and rigid dielectric insulators to eliminate internal air voids and prevent the passage of air and moisture into or through the connector. Connectors can withstand ambient temperatures to 200°C (392°F), contributing to an extended connector life.

Although MTC PINS do not carry a MIL. SPEC. NUMBER, they do meet the performance requirements of MIL-C-26500E and are interchangeable with MIL-C-26500 connectors.

Style
FF

Flange
mounted
receptacle
with threaded
coupling. Uses
sockets only.

Style
FC

Styles
MC and FC

In-line
cable
connectors
with
threaded
couplings. Style MC uses
pins; style FC uses sockets.

Style
SHL

Multipin
Connector Bodies* **MOST POPULAR MODELS HIGHLIGHTED!**

To Order (Specify Model Number)

Number of Cavities	MC Male Cord	Price	FC Female Cord	Price	FF Female Flanged	Price	Backshell Cable Clamp**	Price
5	MTC-5-MC	£29	MTC-5-FC	51	MTC-5-FF	£27.5	MTC-5-SHL	£32
12	MTC-12-MZ	31	MTC-12-FC	41.50	MTC-12-FF	31	MTC-12-SHL	23.50
24	MTC-24-MC	35.50	MTC-24-FC	67	MTC-24-FF	40	MTC-24-SHL	25.50
41	MTC-41-MC	42	MTC-41-FC	74	MTC-41-FF	45.50	MTC-41-SHL	29.50
55	MTC-55-MC	28	MTC-55-FC	76	MTC-55-FF	52	MTC-55-SHL	32

Ordering Example: MTC-55-FC, multipin connector body, £76.

* Contacts not included. Order from next page.

** Backshell cable clamps provide effective support for the cable at the male or female connector and prevent twisting and pulling.



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• Heaters

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