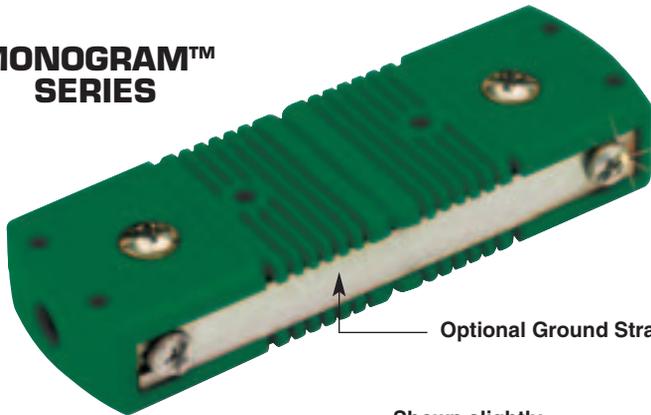


# Very Popular Low Noise Standard Size Connectors Type GST

**MONOGRAM™  
SERIES**



**GLASS-FILLED  
NYLON!**

IEC  
colour  
code  
shown

To order  
ANSI  
colour  
code see  
pg. 49

Optional Ground Strap

Shown slightly  
larger than  
actual size

**Also  
Available!**  
Ferrite Cores for  
EMI Protection

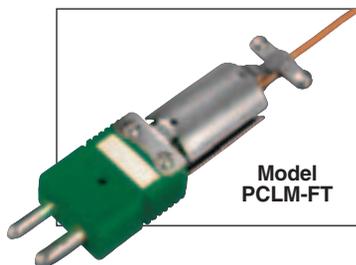
The new OMEGA® GST low noise connectors are designed to provide easy connection of ground wires to OMEGA® probes and extension wires. The drain wire of a twisted shield cable or the shield of the overbraided wire is crimped and held in place by the GST's internal hardware. The GST's have excellent thermal and electrical characteristics to assure high accuracy. Each connector includes a WCP-L and WCP-GST write-on window. Ground straps may be ordered separately to provide

- ✓ Connector Ground Protects Against Electrical Noise Errors
- ✓ Write-On Window for Easy Identification
- ✓ Superior Mechanical Connection Prevents Signal Loss Due to Vibration or Wire Movement
- ✓ Rugged Glass-Filled Nylon Shell Rated from -29 to 220°C
- ✓ Accepts Solid or Stranded Wire Up to 1.6 mm Dia
- ✓ High Purity Thermocouple Alloy Pins and Sockets
- ✓ Colour-Coded

additional mechanical rigidity and strengthen the mechanical bond between the connectors. Ground straps also maintain the electrical contact through the connector, protecting against electrical noise errors.

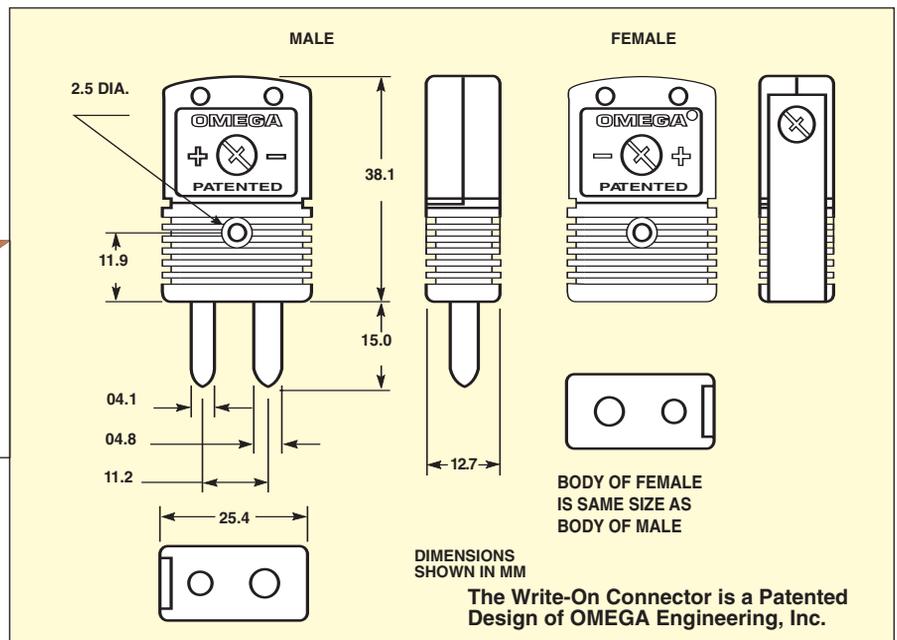
Write-On  
Window

See page 89  
for Low Noise  
Thermocouple  
Probes



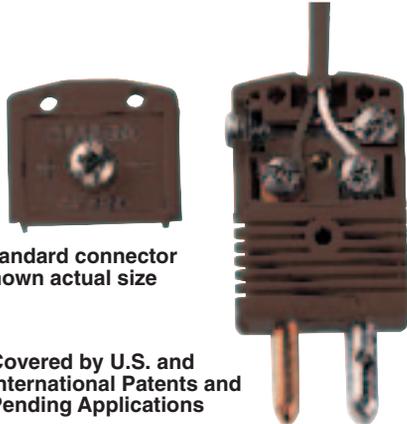
Model  
PCLM-FT

See accessory hardware,  
[omega.co.uk](http://omega.co.uk) for a  
Complete Selection  
of Standard Size  
Connector Accessories



IEC colour code shown  
To order ANSI colour code see pg. 49

See page 111 for Twisted and Shielded Wire



Accepts solid or stranded wire up to 1.6 mm Dia

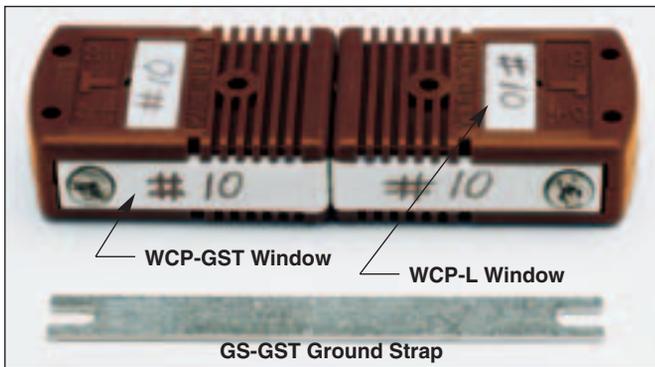
Standard connector shown actual size

Covered by U.S. and International Patents and Pending Applications



Combination screws work with both standard and Phillips screwdrivers, even a coin!

Fully compatible with all OMEGA® as well as all Industry Standard Size Connectors



Each connector supplied with write-on window for connector face and sides. The optional ground strap replaces the side windows, and maintains the electrical connection through the connector pair.

### Accessories

| Model Number | Price                     | Description                            |
|--------------|---------------------------|--|
| WCP-L        | £0.80/package of 5 extra  | Write-on window for GST connector face |
| WCP-GST      | £0.80/package of 5 extra  | Write-on window for GST connector side |
| GS-GST-10    | £2.30/package of 10 extra | Ground straps                          |

| Discount Schedule   |               |
|---------------------|---------------|
| 1-10 .....          | Net           |
| 11-24 .....         | 10%           |
| 25-49 .....         | 15%           |
| 50-99 .....         | 20%           |
| 100-999.....        | 25%           |
| 1000 and over ..... | Consult Sales |

| To Order (Specify Model Number) |                                       |                                      |            |              | IN STOCK FOR FAST DELIVERY! |           |            |          |
|---------------------------------|---------------------------------------|--------------------------------------|------------|--------------|-----------------------------|-----------|------------|----------|
| Alloy Code†                     | Type Thermocouple Used With Connector | Compensating Alloy Used in Connector |            | Shell Colour | Model Number                | Price     |            |          |
|                                 |                                       | +                                    | -          |              |                             | Pair (MF) | Female (F) | Male (M) |
| K                               | CHROMEGA™<br>ALOMEGA™                 | CHROMEGA™                            | ALOMEGA™   | Green        | GST-KI-(*)                  | £7.40     | £4.50      | £2.90    |
| T                               | Copper-Constantan                     | Copper                               | Constantan | Brown        | GST-TI-(*)                  | 7.40      | 4.50       | 2.90     |
| J                               | Iron-Constantan                       | Iron                                 | Constantan | Black        | GST-JI-(*)                  | 7.40      | 4.50       | 2.90     |
| E                               | CHROMEGA™-<br>Constantan              | CHROMEGA™                            | Constantan | Violet       | GST-EI-(*)                  | 7.40      | 4.50       | 2.90     |
| R/S                             | Pt/13%Rh-Pt                           | Copper                               | Alloy #11  | Orange       | GST-R/SI-(*)                | 7.40      | 4.50       | 2.90     |
| U                               | Uncompensated                         | Copper                               | Copper     | White        | GST-UI-(*)                  | 7.40      | 4.50       | 2.90     |
| N                               | OMEGALLOY™                            | OMEGA-P™                             | OMEGA-N™   | Pink         | GST-NI-(*)                  | 7.40      | 4.50       | 2.90     |

\* To Order: Specify "MF" for a connector pair, "M" for male connector only, or "F" for female connector only.

†J, K, T, S and B are IEC designations. OMEGALLOY™ is generically known as Nicrosil-Nisil  
Type U (uncompensated) connectors are used with type B thermocouples (Pt/6%Rh-Pt/30%Rh)

Connector design is a registered trademark of OMEGA Engineering, Inc.

Ordering Example: GST-KI-M, type K Male connector, £2.90.