

VACUUM/PRESSURE FEEDTHROUGHS

HERMETIC SEAL MULTIPIN CONNECTORS

PFTCC-12 Series



- ✓ Thermocouple Alloy or Copper Pins
- ✓ Fast Positive Connections
- ✓ Fully Compatible with MTC Series Connectors
- ✓ 100% Inspected and Tested

Chemical Exposure

Compatible: Oil, solvents, refrigerants, water, non-corrosive gases

Avoid: Strong acids and bases

SPECIFICATIONS

Material: Housing and Nut, 300 Series stainless steel; connector shell, electrodeless nickel plated O-ring: Butyl pins, fits 20 to 24 AWG wire

Pressure Rating: Maximum pressure: 120 psi; Vacuum limit: 1×10^{-8} Torr

Leak Rates, Pressure: Leak rate at 120 psi: 1×10^{-6} cc air/sec; Leak rate at 29 in. Hg vac: 1×10^{-7} cc air/sec

Leak Rates, Vacuum: Leak rate at 15 psi: 10×10^{-8} cc He/sec; Leak rate at 10^{-8} Torr: 1×10^{-8} cc He/sec

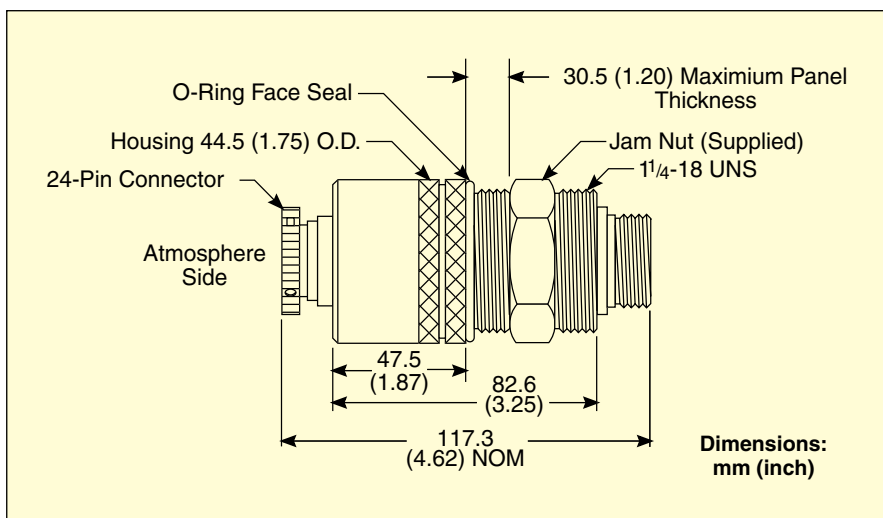
Temperature Limits:

-40 to 120°C (-40 to 248°F)

Out Gassing: <0.003% VCM <0.4% Weight loss; Sample at 125°C (257°F), cold surface at 25°C (77°F)



All models shown smaller than actual size.
MTC series multipin connectors and accessories sold separately. See newportUS.com



To Order Visit newportUS.com/pftcc for Pricing and Details

MODEL NO.	DESCRIPTION
PFTCC-12CU	Connector for 12 wire pairs, Cu
PFTCC-12J	Connector for 12 wire pairs, J thermocouple
PFTCC-12K	Connector for 12 wire pairs, K thermocouple
PFTCC-12E	Connector for 12 wire pairs, E thermocouple
PFTCC-12T	Connector for 12 wire pairs, T thermocouple

PFTCC connectors are for use with MTC series pins; See newportUS.com

Ordering Example: PFTCC-12K, 24-pin connector for MIL C-26500 connectors.

Compatible with 12 type-K thermocouples; cable clamps, connector bodies and MTC pins sold separately.