

# Industrial Ethernet MTP Connectors



## Overview

Industrial RJ45 connectors are designed to withstand vibration, high EMI, wide temperature ranges, and continuous operation. Key features include shielded construction, robust PCB mounting, extended temperature ratings, and higher mechanical durability compared to standard. Molex Industrial Connectors are optimized for reliability and efficiency, delivering ruggedized solutions to support industrial automation, power distribution, fieldbus networks and Industry 4. Reliable and compact M12 Connectors deliver plug-and-play infrastructure to connect. US Conec offers a full suite of MTP® brand MPO connectors and solutions for a variety of applications and operating environments. This handy selection guide in PDF format provides you with a comprehensive overview of the extensive range of HARTING products available in the broad market of Industrial Ethernet Connectivity.

## Article Content

High-temperature connector

High Temperature Connectors M12x1 The demands for higher and higher Degrees of temperature resistance certainly don't stop for industrial automation. For these

High Temperature Plugs For Critical Heat Resistant

High Temperature Plugs Marechal metal connectors and plugs provide high temperature distribution of power, signal and control circuits from 240°C to

Industrial RJ45 Connectors: Design, EMI, PoE & Reliability Guide

Industrial RJ45 connectors are designed to withstand vibration, high EMI, wide temperature ranges, and continuous operation. Key features include shielded construction, robust PCB mounting, extended

IP Ratings and Harsh Environment Connectors

For other industrial uses that require lightweight and flexible connectors, high-temperature resistant plastic composites may be more attractive. The shape of

MTP Connectors | MPO Connector Advantages | Corning

With their robust engineering, MTP connectors also perform in a wide range of operating environments, including those with high humidity, extreme heat and

High-Temperature Cable | McMaster-Carr

Choose from our selection of high-temperature cable, including over 225 products in a wide range of styles and sizes. Same and Next Day Delivery.

High Temperatures Wire & Cable Applications | TPC

From steel mills and foundries to industrial ovens and smelters, high heat environments demand cable solutions that won't fail under pressure. Amphenol

Industrial Connectors: Solutions for Harsh Environments | Molex

Explore Molex's industrial connectors designed for high-performance in harsh environments. Find solutions for seamless power and data connectivity.

DEUTSCH High Temperature Connectors | TE Connectivity

These connectors accept size 20 contacts and carry 7.5 amps. Operating temperatures up to +150°C. Our connectors provide solutions for applications where dust, dirt, moisture, salt spray, and vibration

High heat-resistant Connector | IRISO

IRISO Electronics' High heat-resistant Connectors are connectors that maintain connection reliability for long periods in high-temperature environments. Utilizing know-how gained from numerous reliability

Industrial Ethernet solutions | HARTING Technology Group

Discover the HARTING range of products for Industrial Ethernet connectivity and cabling. Thousands of customers trust on HARTING. Explore our use cases and customer examples. Versatile, rugged, and

ThermaRex Cryogenic and High-Temperature Tolerant Contacts,

Glenair ThermaRex interconnect solutions are designed to survive and excel in high continuous operating temperature application environments up to 600°C. For Electrical Wire Interconnect

High Temperature Connectors | Winchester Interconnect Micro

Winchester Interconnect Micro offers world-class hi-temp connectors for various applications. Call today to receive a quote!

High Temperature Connectors

HT Connectors The demand for ever higher temperature resistance does not stop at industrial automation. CONEC offers the hightemperature family for applications

High Temperature PCB Connectors

TE Connectivity's high temperature PCB connector headers save cost through avoidance of blistering effect or tolerance change due to water absorption.

Industrial RJ45 Ethernet Connectors

Industrial RJ45 connectors are rectangular data connectors designed for Ethernet networking in industrial applications. Our portfolio includes various form factors.

High-Temperature Wire Connectors | McMaster-Carr

Choose from our selection of high-temperature wire connectors, including over 200 products in a wide range of styles and sizes. Same and Next Day Delivery.

MTP® Connectors

The MTP ® connector design offers novel patented features, enhanced precision, proven reliability, and significant performance improvements compared to the standard MPO connector format.

IP Ratings Explained: IP67, IP68 and IP69K for Industrial Ethernet ...

IP ratings appear on industrial connectors, enclosures, and equipment throughout specification documents and product datasheets — but the numbers are not always well understood

## Selection Criteria For High Temperature And Heavy Load Connectors

The stable operation of industrial electronic equipment in high temperature environment is inseparable from the key role of high temperature resistant heavy power connector. When

### BT HIGH-TEMPERATURE CONNECTORS

A connectors to MIL-C-5015D and will operate continuously at temperatures up to 1000°F (537°C). Intermateability and interchangeability with MIL-C-5015 connectors is assured. This connector series

Angola imported high temperature resistant backplane connectors ...

All Companies and suppliers for angola-imported-high-temperature-resistant-backplane-connectors-wholesale Find wholesalers and contact them directly Leading B2B marketplace Find companies now!

ThermaRex Cryogenic and High-Temperature Tolerant Contacts, Connectors ...

ThermaRex Cryogenic and High-Temperature Tolerant Contacts, Connectors, Cables, and Conduit Systems For Electrical Wire Interconnect Applications Adjacent to High-Temperature Heat Sources

### Industrial Ethernet Cables

Proterial Cable America's industrial Ethernet cables are engineered for harsh environments, offering flexible, UL-approved options with superior EMI resistance

Heat Resistant Cables | Fire Resistant Cable up to +400°C | Fire

Heat-resistant cables & fire resistant cables are used in production areas with extremely high temperatures up to +400°C.

### BT High Temperature Connectors

Intermateability and interchangeability with MIL-C-5015 connectors is assured. This connector series features rear removable crimp type contacts to ease assembly

### High Temperature Cat 5e Ethernet Cable

Supports Data Rates to 1 Gb/second Rated for More than 10,000,000 Flexing Cycles Cicoil Cat 5e Ethernet Cables excel in high temperature applications. Our patented extrusion process

## Contact Us

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