



# FISCHER MINIMAX™ SERIES

**4 TO 30**  
CONTACTS

## HIGH-DENSITY MINIATURIZATION HIGH-SPEED DATA TRANSFER RELIABILITY

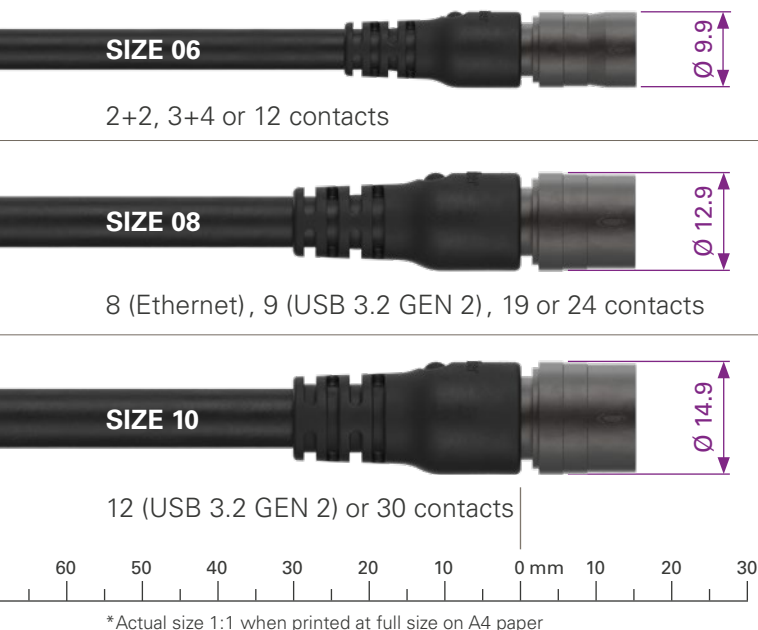
- Signal & power
- Designed and tested to high-speed data transmission protocols
- IP68 sealed up to 20m/24h



Single Pair Ethernet  
System Alliance



## AVAILABLE SIZES 1:1



### Up to 45% smaller

Size 08 compared to standard receptacles with similar contact density



## ETHERNET 10 Gbit/s (size 08 | 8 pins)



A unique robust and sealed miniature connector for Ethernet applications in harsh environments

- AWG 24, compatible with long-range standard Ethernet cables
- Symmetrical hermaphroditic contact block
- Ø 0.5 mm contacts

## USB 3.2 10 Gbit/s (size 08 data, size 10 data + power)



Optimized design for full USB 3.2 Gen 1 and Gen 2 performance, successfully tested to the full S-parameter standards with cables up to 1 meter

- Advanced power contacts
- Hermaphroditic contact block
- Ø 0.5 mm contacts

Soft caps and other accessories available. Contact us for more information

## BODY STYLES

### PLUGS

#### CABLE MOUNTED



MP11

#### BODY STYLES

### RECEPTACLES

#### PANEL & CABLE MOUNTED



MR50

Cable mounted



MR11

Panel rear-mounted

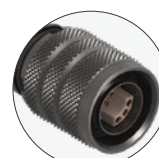


MR12

## LOCKING SYSTEMS



Push-pull



Screw-locking



Quick-release

## SINGLE PAIR ETHERNET 1 Gbit/s (size 06 | 4 pins)



Single Pair Ethernet System Alliance

Compact and lightweight: 2 wires instead of 8 copper wires for Gigabit Ethernet

- IP68 -20m/24h solutions with corrosion-resistant materials
- Blind mating for easier connection in confined and hard-to-access areas

## CABLE ASSEMBLY AND ELECTRONICS

- Miniature and high-density cable assembly
- Cable assembly with straight, right angle or 60° overmolding
- Rugged and submersible solutions
- Fischer Rugged Flash Drives for safe storage and secure access
- PCB termination

**We offer complete solutions. Contact us to know more**

Download the dedicated [Technical Specifications](https://fischerconnectors.com/download-center)  
[fischerconnectors.com/download-center](https://fischerconnectors.com/download-center)

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CONNECTORS