FISCHER **MINIMAX™** SERIES

HIGH-DENSITY MINIATURIZATION HIGH-SPEED DATA TRANSFER RELIABILITY

4 TO **30** CONTACTS

- Signal & power

- Designed and tested to high-speed data transmission protocols

- IP68 sealed up to 20m/24h

SS⟵⟶ UHD ◁ Single Pair Ethernet System Alliance

SIZE 06

2+2, 3+4 or 12 contacts

Ø 9.9

SIZE 08

8 (Ethernet), 9 (USB 3.2 GEN 2), 19 or 24 contacts

Ø 12.9

SIZE 10

12 (USB 3.2 GEN 2) or 30 contacts

Ø 14.9

| 60 | 50 | 40 | 30 | 20 | 10 | 0 mm | 10 | 20 | 30 |

*Actual size 1:1 when printed at full size on A4 paper

Up to 45% smaller

Size 08 compared to standard receptacles with similar contact density

Ø 12.0

All dimensions shown are in millimeters and for reference only

Competitor O
Competitor L
Ultimate 11

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)

SS←→

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

PLUGS

CABLE MOUNTED

BODY STYLES — **MP11**

RECEPTACLES

PANEL & CABLE MOUNTED

BODY STYLES — **MR50** | **MR11** | **MR12**

Cable mounted | Panel rear-mounted

COLORS

MiniMax is available in two housing colors:
Nickel ANTHRACITE and **Chrome BLACK**

Anthracite standard

Black optional

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](#)
fischerconnectors.com/download-center

Fischer
C O N N E C T O R S ®