## Fischer UltiMate™ Series

## Connect<sup>2</sup>

**Expertise Reliability Innovation** 



## Rugged, compact, lightweight

Connectors and cable assemblies

www.fischerconnectors.com



## FISCHER ULTIMATE™ SERIES

### **KEY FEATURES**



- Sealing IP68/IP69 even unmated
- Hermetic
- Extremely robust mechanical keying
- 10,000 mating cycles





- 360° EMC shielding
- Grounding contact ring
- Easy cable assembly solutions



- High shock & vibration resistance
- Operating temperature:
   -55°C to +135°C
- High corrosion resistance
- Blind mating



- Wide range of configurations
- Miniature & ultralight design
- Color overmolding available
- Crimp and solder contacts

# CERTIFICATION & COMPLIANCE

Fischer Connectors is committed to quality throughout every phase of its operations. The company supports its customers and applies within its organization all directives and norms improving the quality, safety and environmental friendliness of its connectors, processes and systems.

MIL-SPECS: The Fischer UltiMate™ Series is engineered to withstand extreme operational environments, such as vibration, shock, rain, humidity, salt fog, sand/dust, or temperature; our military connectors are tested according to IEC standards. For MIL-SPECS and IEC test methods, please refer to our website: www.fischerconnectors.com.

Fischer Connectors is **EN ISO 13485:2012** certified and meets the quality management systems requirements for the design and manufacture of medical devices.

Our company is **ISO 9001:2008** certified. Through longstanding quality management commitment, we target excellence.

Fischer Connectors' environmental management system is **ISO 14001:2004** certified. Our company is committed to efficiently managing its waste, to preventing contamination and to reducing the environmental impact.

All connectors from Fischer Connectors are RoHS and REACH compliant.

**ISO 9001** 

**ISO 13485** 

**ISO 14001** 



**REACH** 

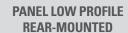


## **PRODUCT**

## **RANGE**







RECEPTACLES **UR01** 

**PANEL REAR-MOUNTED** 



**PANEL LOW PROFILE** FRONT-MOUNTED



**SHORT CABLE MOUNTED** 



**AVAILABLE SIZES** 



Images of available sizes are on 1:1 scale.
For more detailed information, please consult the Fischer UltiMate ™ Series Technical Specifications.



## CABLE ASSEMBLY

### **SOLUTIONS**

Fischer Connectors' skilled technical and support teams help you build the perfect Fischer UltiMate™ cable assembly for your unique application, providing advice through design, prototype, assembly, testing, manufacturing, installation, and beyond.

Our complete solutions include:

- Overmolded cable assemblies, including thermoplastic & silicone
- Rugged & submersible cable solutions
- Heat shrinking for added protection and support to exposed wire
- Straight and right-angle overmolding





# FISCHER ULTIMATE<sup>™</sup> **BEND RELIEF**

Top performance, no hassle

- No tool required: 5 steps to complete self-assembly
- Clean cut: perfectly adjust the bend relief to your cable diameter with a simple blade
- Long lasting:
  - Resists 10,000 constraints at a 90° angle
  - Operating temperatures -55°C to +135°C
  - UV resistant

For more detailed information, please consult the Fischer UltiMate™ Bend Relief Assembly Instructions.

# ACCESSORIES **SOFT CAPS**

Sealing caps protect unmated Fischer UltiMate™ Series in the field. The soft caps perfectly suit applications where a lightweight, noiseless option is preferred.





For more detailed information, please consult the Fischer UltiMate™ Series Technical Specifications.



## FISCHER ULTIMATE<sup>™</sup> SERIES

## FOR HARSH ENVIRONMENTS

The Fischer UltiMate™ Series is specially designed for a broad range of harsh environment applications. It offers rugged, compact, lightweight, sealed connectors and cable assembly solutions ideally suited to withstand a variety of severe environmental, industrial and chemical conditions.





















### FISCHER CONNECTORS

### **HEADQUARTERS**





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