

**Maximizing Toughness.
Enhancing Protection.
Harnessing Possibilities.**

Mobile Equipment Connectivity Series

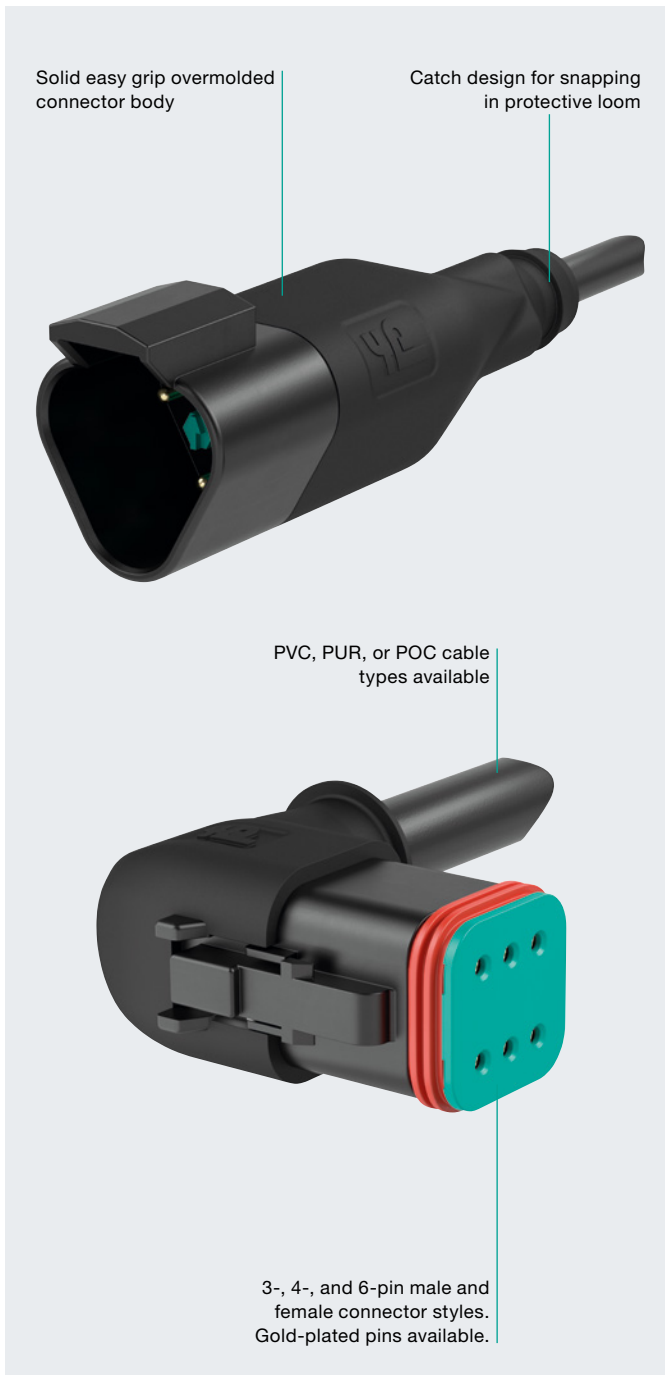


Your automation, our passion.

pf PEPPERL+FUCHS

Rugged Connectivity for Mobile Equipment: MEC Series Connectors

Connections on mobile equipment have to survive continuous exposure to the most demanding environments. Scorching heat, freezing temperatures, rain, and road salt are just some of the challenges encountered along the way. Designed with these unrelenting conditions in mind, the Mobile Equipment Connectivity (MEC) series from Pepperl+Fuchs provides reliable connectivity for the harshest mobile equipment applications.



More Than Just Cables and Connectors

Quick, reliable, and secure connections rain or shine — these are a few of the basic requirements for connections on mobile equipment. With the MEC series, Pepperl+Fuchs has expanded its connectivity portfolio to include an innovative line of overmolded DT connectors and AMP-style connectors.

Enhanced Protection with Overmolding

All the benefits of DT connectors — snap lock, tight fit, connection seal, wedge lock — but now with overmold for added back-side protection against moisture and vibration. Overmolding enhances the connection performance by ensuring a high degree of strain relief to prevent pull-out in environments with high mechanical stress and vibration.

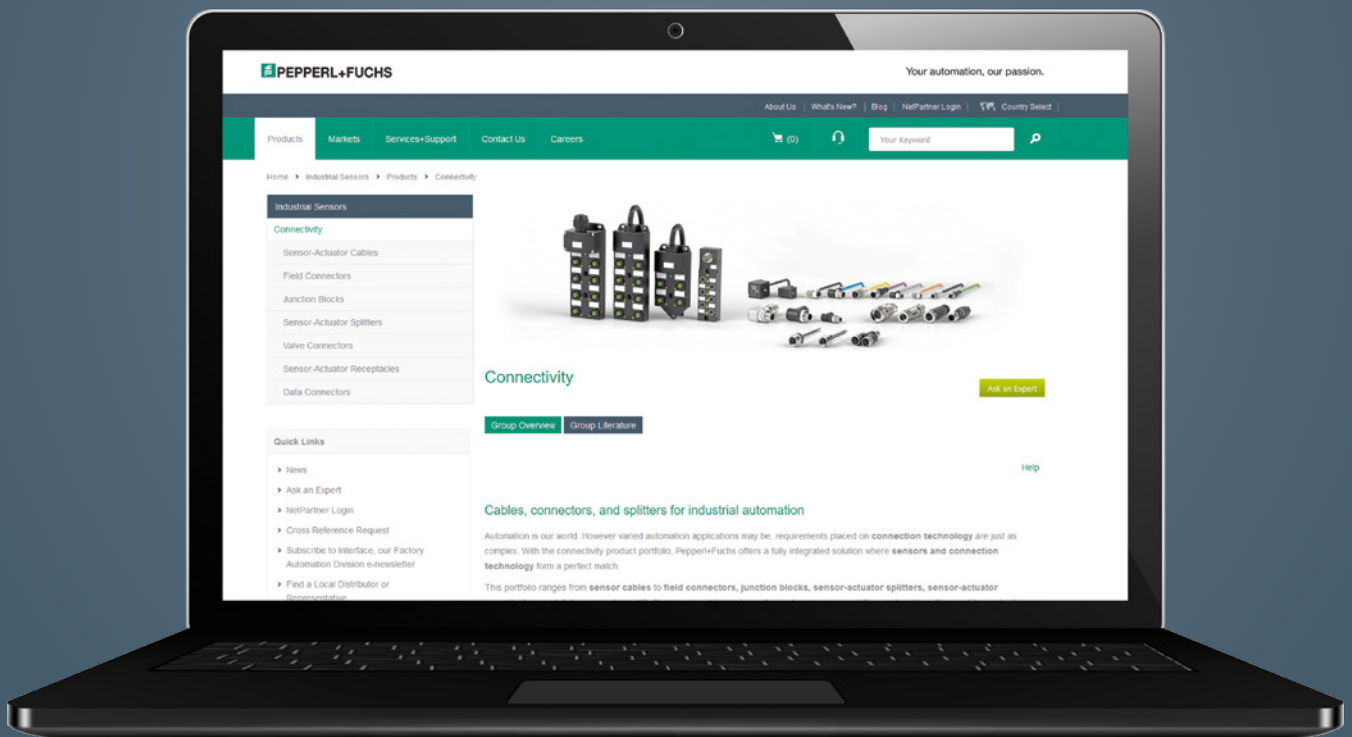
Highlights

- Overmolded DT connectors optimized for mobile equipment
- Suitable for demanding, outdoor conditions with IP68 rating, $-50 \dots 105$ °C cable temperature range, and UV/oil resistance
- Rigorous testing and quality standards with in-house production and zero-defect tolerance
- Innovative catch design makes securing protective cable loom quick and easy
- Custom designs available for a wide variety of application requirements

Find Your Connection Technology in Just a Few Clicks. Online Product Selector from Pepperl+Fuchs.

Go online. Specify your requirements. Select your connection technology. You can find the right cable for your application in just a few clicks. The portfolio – adapted for specific automation requirements – makes the selection process easier for you and guides you to what you need. If you have any questions, our experts are available to take your call.

www.pepperl-fuchs.com/sortiment/MEC





Broad Portfolio of Mobile Equipment Solutions

The MEC series encompasses a wide range of connectivity products, including cordsets with M12 connectors and optional DT or AMP connectors. For solenoid control, we offer Type A, DIN valve connector cables. With high-grade PUR cabling, LED and coil suppression, stainless steel fasteners, and improved silicon seal, these connectors provide long-lasting durability.

Other products in the MEC series include CAN bus cables for network connectivity on vehicles. For efficient device wiring, we have passive multiport, outdoor-suitable junction blocks, which allow connection of multiple devices back to a central connector point, minimizing wiring and installation time. Mobile equipment inductive sensor product lines with DT series pigtailed are also available.

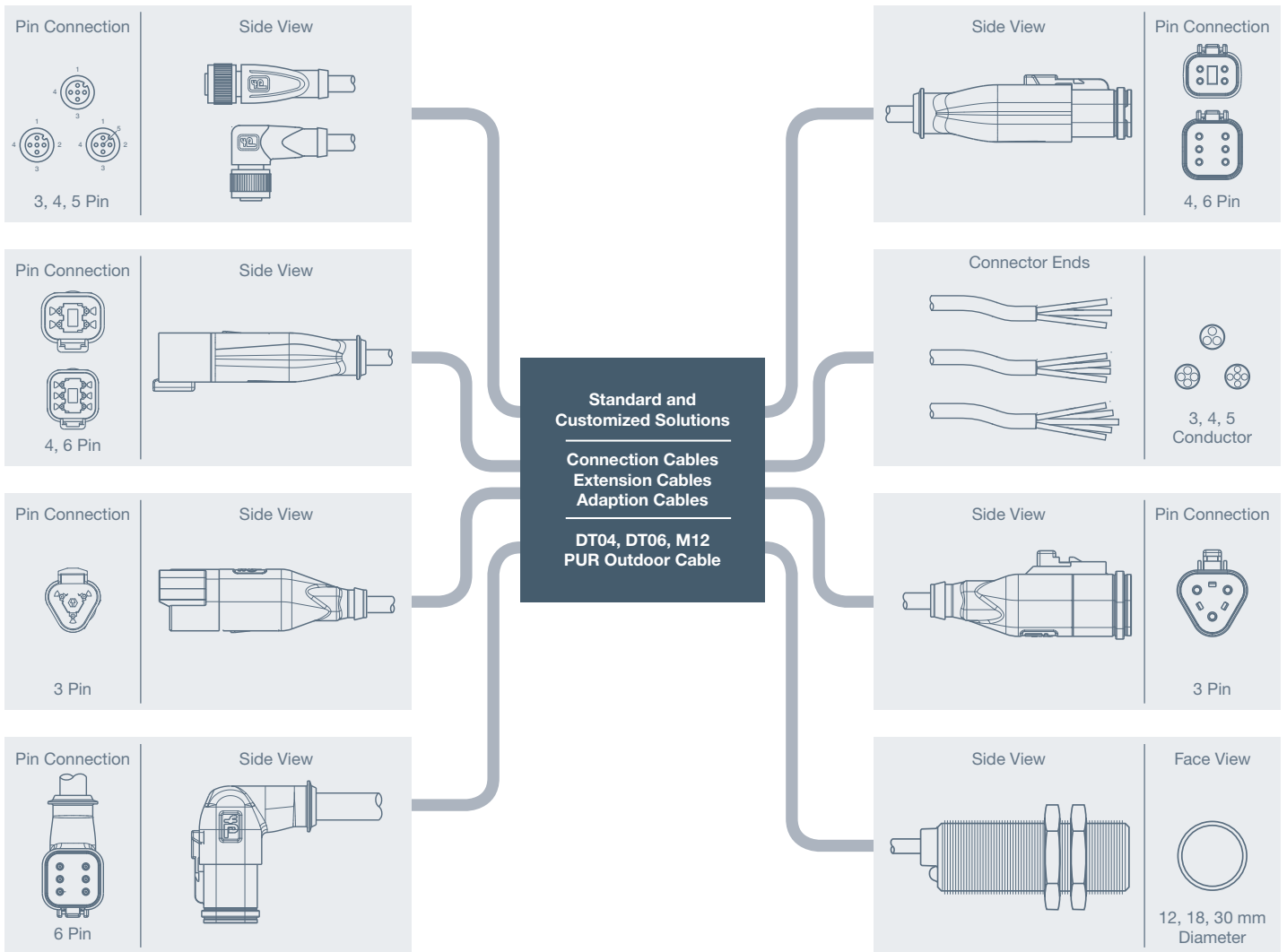


Industries and Applications

- Mobile equipment
- Heavy commercial vehicles
- Construction machinery
- Agricultural machinery and forestry equipment
- Wire harness manufacturers
- Sensor connectivity — inductive, inclination, encoders, and ultrasonic

Connector Combinations for Every Requirement

MEC series cordsets are offered in a variety of connector style combinations and pin counts. Cordsets can also be customized to meet individual requirements. Standard and custom pinout configurations are available, and cordsets are also offered with or without shielded cablings for CANopen/J1939 connectivity applications. Our experts at Pepperl+Fuchs are ready to help you design the perfect solution.



Wide Variety of Cable Assemblies Available

Available cable assemblies include overmolded DT assemblies with either M12, flying leads, or double-ended DT extension cables. All can be used for sensor connection or interconnection of devices in mobile equipment applications.

Adaption Cables

- M12 female to DT04-3P, DT04-4P, or DT04-6P

Cable Assemblies

- Flying leads to DT04-3P, DT04-4P,
- Flying leads to DT06-3S, DT06-4S, DT06-6S

Extension Cables

- DT06-3S to DT04-3P
- DT06-4S to DT04-4P
- DT06-4S to DT04-4P

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Explosion Protection

- Intrinsically Safe Barriers
- Signal Conditioners
- Fieldbus Infrastructure
- Remote I/O Systems
- HART Interface Solutions
- Surge Protection
- Wireless Solutions
- Level Measurement
- Purge and Pressurization Systems
- Industrial Monitors and HMI Solutions
- Electrical Explosion Protection Equipment
- Solutions for Explosion Protection

Industrial Sensors

- Proximity Sensors
- Photoelectric Sensors
- Industrial Vision
- Ultrasonic Sensors
- Rotary Encoders
- Positioning Systems
- Inclination and Acceleration Sensors
- Fieldbus Modules
- AS-Interface
- Identification Systems
- Displays and Signal Processing
- Connectivity