

# INTRODUCING HEAVY DUTY SEALED CONNECTORS SERIES WITH MATENET INSERTS

- **Highly adaptive design meets customers' unique needs**
- **Rugged and reliable with all the trusted features of Heavy Duty Sealed Connector Series housings**



TE Connectivity's (TE) Heavy Duty Sealed Connector Series with MATEnet inserts leverages the high performance of MATEnet terminals and the rugged reliability and scalability of Heavy Duty Sealed Connector Series housings to enable Ethernet connectivity up to 1 Gb on chassis applications in heavy-duty commercial vehicles. These products are designed to be modular and highly adaptive to meet the specific needs of each customer. Unshielded Twisted Pair (UTP) cable and Shielded Twisted Pair (STP) cable can be used within the same connection system. They support 100Mb through 1Gb speeds and are compliant with industry standard protocol IEEE802.3bp, 100BASE-T1 and 1000BASE-T1. This solution provides hybrid connections for Ethernet and power, expanding the usage possibilities.

## KEY BENEFITS

- Enable speeds from 100 Mbps to 1Gbps to meet current and future data connectivity demands
- Scalable for use with unshielded twisted pair (UTP) and shielded twisted pair (STP) cable
- Support hybrid connections for Ethernet and power and multiple wire sizes based on application needs
- Tab housing options for in-line and panel-mount applications, and standard 180° and 90° headers
- Secure connection with a built-in secondary locking feature for contact retention
- IP67 and IP69K (with backshell) rated
- Vibration and mechanical shock resistance

## APPLICATIONS

- Network backbone
- Sensors
- Camera systems
- Sealed controllers
- Gateways/Switches
- Radar/LiDAR
- In-cabin
- Chassis

## TARGET MARKETS

- Heavy/Medium duty truck
- Bus
- Agriculture
- Construction

## LEARN MORE

- [Landing Page](#)
- [Datasheet](#)
- [Data Connectivity Catalog](#)
- [Part List](#)