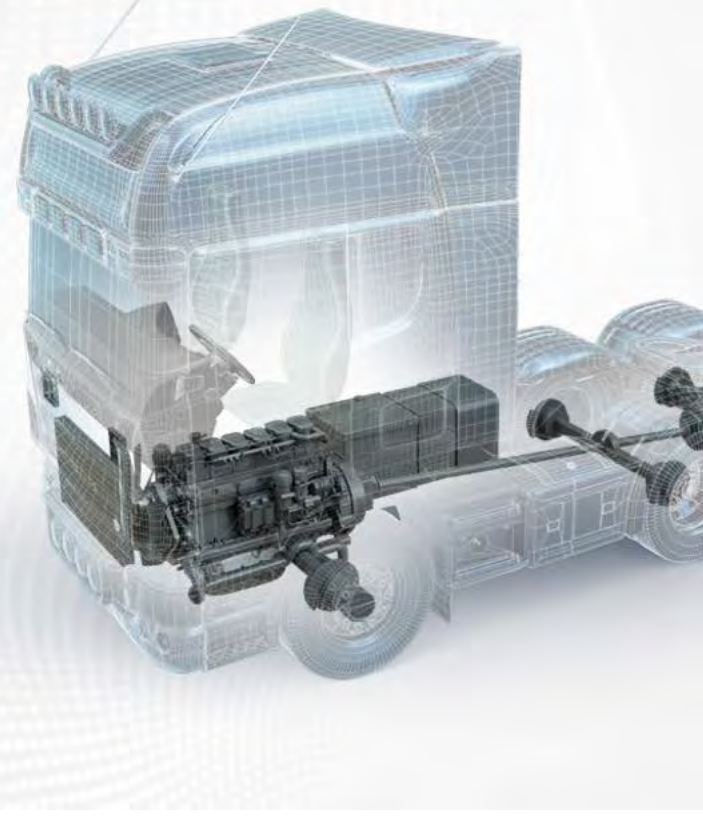


HEAVY DUTY SEALED CONNECTOR SERIES

One of the **Largest** Offering of **Sealed Connectors** is still **GROWING** and **INNOVATING**

With new offerings from our Heavy Duty Sealed Connector Series, we help you stay ahead of the latest design trends with increased functionality such as autonomous operation in heavy-duty vehicle and off-road equipment. TE Connectivity (TE)'s rugged connectors are perfect for harsh environments where even a small degradation in connection may be critical. Environmentally sealed, they are designed for wire-to-wire and wire-to-device applications.



Key Industries

Truck

Bus

Construction

Special Industries

Agriculture

Automotive

Applications

Motors and Gearboxes

ABS/EBS Brake Units

Wire-to-Wire Coupling at the Chassis

Fuel Level Sensors

Hydraulic Pumps

Actuators


Switches

Grounding/Power Distribution

Sensor Interface

Control Unit


Get to Know Our Newest Products



Heavy Duty Sealed Connector Series - Straight Header 180°

- More secure connections with easy inside-mount assembly and silver-plated pins
- Excellent environmental protection against water and debris


| Receptacle Housing | Position | Code | Color | Header 180° |
|--------------------|----------|------|-------|---------------|
| 1-1418390-1 | 4 | A | Black | 1-2377473-1 * |
| 2-1418390-1 | | B | Gray | 2-2377473-1 * |
| 1-1418469-1 | 6 | A | Black | 1-2377477-1 * |
| 2-1418469-1 | | B | Gray | 2-2377477-1 * |
| 1-1418479-1 | 8 | A | Black | 1-2378182-1 * |
| 2-1418479-1 | | B | Gray | 2-2378182-1 * |
| 1-1418480-1 | 7 | A | Black | 1-2378180-1 * |
| 2-1418480-1 | | B | Gray | 2-2378180-1 * |
| 1-1564514-1 | 10 | A | Black | 1-2378187-1 * |
| 2-1564514-1 | | B | Gray | 2-237818701 * |
| 1-1563878-1 | 15 | A | Black | 1-2378191-1 * |
| 2-1563878-1 | | B | Gray | 2-2378191-1 * |
| 1-1563759-1 | 18 | A | Black | 1-2377481-1 * |
| 2-1563759-1 | | B | Gray | 1-2377481-1 * |



Heavy Duty Sealed Connector Series - Mini 2 Position

- Smaller size connector in Heavy Duty Sealed Connector Series family
- Save space with a flat connector housing design that can fit through any 20 mm hole


| Receptacle Housing | Position | Code | Color | Tab Housing | |
|--------------------|----------|------|-------|-------------|----------------|
| | | | | With Flange | Without Flange |
| 1-2382278-1* | 2 | A | Black | - | 1-2382274-1 |
| 2-2382278-1* | | B | Gray | - | 2-2382274-1 |



Heavy Duty Sealed Connector Series - 4 Position MCON 1.2

- Increased density with use of smaller-size MCON 1.2 contact system in a single row cavity block
- Time & cost savings enabled by new integrated family seal design


| Receptacle Housing | Position | Code | Color | Tab Housing | |
|--------------------|----------|------|-------|-------------|----------------|
| | | | | With Flange | Without Flange |
| 1-2366768-1* | 4 | A | Black | - | - |
| 2-2366768-1* | | B | Gray | - | - |



Heavy Duty Sealed Connector Series - 3 Position Connector with Middle Cavity Blocked

- Eliminate need for blind plug in middle cavity


| Receptacle Housing | Position | Code | Color | Tab Housing | |
|--------------------|----------|------|-------|---------------|----------------|
| | | | | With Flange | Without Flange |
| 1-1418448-2 | 2 | A | Black | 1-1703843-2 * | 1-1670730-2 * |
| 2-1418448-2 | | B | Gray | 2-1703843-2 * | 2-1670730-2 * |
| 3-1418448-2 | | C | Green | 3-1703843-2 * | 3-1670730-2 * |
| 4-1418448-2 | | D | Blue | 4-1703843-2 * | 4-1670730-2 * |



Heavy Duty Sealed Connector Series - 13 Position Connector

- Combine power and signal in one connector


| Receptacle Housing | Position | Code | Color | Tab Housing | |
|--------------------|----------|------|-------|-------------|----------------|
| | | | | With Flange | Without Flange |
| 1-2358263-1* | 13 | A | Black | - | - |
| 2-2358263-1* | | B | Gray | - | - |
| 3-2358263-1* | | C | Green | - | - |
| 4-2358263-1* | | D | Blue | - | - |



Heavy Duty Sealed Connector Series - 2 Position & 16 Position Current Splitter

- Time and cost savings with faster and easier interconnection between chassis harness and battery harness
- Reliability - chassis-level vibration resistance and IP69K rating


| Receptacle Housing | Position | Code | Color | Current Splitter |
|--------------------|----------|------|-------|------------------|
| 1-1564542-1 | 2 | A | Black | 2365741-1* |
| 1-1564337-1 | 16 | A | Black | |



Heavy Duty Sealed Connector Series - 3 Position CAN Bus Y-Connector and 120Ω Resistor

- Meet the CAN Bus protocol specifications according to SAE J1939 Standard

| Y-Connector | Code | Color | Mating Side | Terminal Resistor |
|-------------|------|-------|---|-------------------|
| 2278730-1 | ABC | Black | 1-1418448-1 2-1418448-1 3-1418448-1 | 2306960-1 |
| 2278730-2 | AAA | Black | 1-1418448-1 | |



Heavy Duty Sealed Connector Series - 18 Position Potential Distributor

- Increased reliability with new potential distributor for grounding and power distribution
- Simple installation with mechanical-color-coding and electrical schematic on back of connector

| Receptacle Housing | Position | Code | Color | Potential Distributor |
|--------------------|----------|------|-------|-----------------------|
| 1-1563759-1 | 18 | A | Black | 1-2369516-1 * |
| 2-1563759-1 | | B | Gray | 2-2369516-1 * |
| 3-1563759-1 | | C | Green | 3-2369516-1 * |

* New Part Number