

INTRODUCING NTSEAL 48 POSITION CONNECTORS

- Ensure easy installation with new integrated locking lever designed for easier and faster mating/unmating operation
- Enable design flexibility and space savings with compact, high-density footprint



Providing flexible and robust wire-to-wire connectivity in a compact footprint, TE Connectivity (TE)'s innovative NTSEAL 48 position, high-density hybrid sealed connector utilizes the proven DEUTSCH common contact system with both size 16 and size 20 contacts for serviceable applications in harsh environments.

The new 48 position connector introduces an improved design with an integrated locking lever which facilitates mating operation. This locking mechanism enhances user experience by speeding up assembly and helping to ensure proper connector mating.

APPLICATIONS

- Wire-to-Wire
- Panel/Bulkhead Mount
- Engine
- Chassis
- After-Treatment
- Automation

TARGET MARKETS

- Truck
- Bus
- Construction
- Agriculture
- Specialty Vehicles
- Lift Truck
- Recreational Vehicles
- Marine
- Power Sports

LEARN MORE

- [Connectors Landing Page](#)
- [NTSEAL Connectors FAQ's](#)
- [NTSEAL Connectors Datasheet](#)

KEY BENEFITS

- Ensure easy installation with new integrated locking lever designed for easier and faster mating/unmating operation
- Facilitate signal and power in one connection with the high-performance DEUTSCH size 16 and 20 common contact system
- Offer configuration flexibility where connector can be used panel-mounted or in-line with a simple mounting clip
- Withstand extreme temperatures and engine-level vibrations with excellent sealing performance rated to IP67, IP68 and IP6K9K (with backshell)
- Provide contact locking assurance with integrated Terminal Position Assurance (TPA)
- Helps ensure the connector stays mated with integrated Connector Position Assurance (CPA)

CONNECTOR SPECIFICATIONS

- **Degree of protection:** IP67, IP68, IP6K9K (with back shell)
- **Contact/Terminal System:** DEUTSCH size 20 (x40) & size 16 (x8) contacts
- **Operating Voltage:** 12V/24V
- **Operating Current:** 7.5A/13A (125 °C)
- **Operating Temperature:** -40 °C to 125 °C
- **Flammability Rating:** UL V0
- **Materials:**
 - Housing: PBT
 - Sealing: Silicon