

INTRODUCING

enetSEAL+ ETHERNET CONNECTORS

Discover the new sealed ethernet connector technology which allows field maintenance of commercial vehicles in harsh environments.



Powerful Design

TE Connectivity's new portfolio of Ethernet connectors provide robust full duplex, wire-to-wire connections for multifunction displays, telematics, telemetry units, infotainment modules, and media access controllers. The new enetSEAL+ products can be utilized to connect external cameras and sensing modules to improve operator awareness to enhance safety using Ethernet differential signal transmission communication protocols.

Our portfolio was engineered to solve technical challenges across the globe:

- Field serviceability
- Optimal, high quality design helps to reduce manufacturing and service costs
- Built-in secondary locking feature is designed to secure contact retention
- Modular application thanks to 2 possible coding and multiple clips possible for multiple panel thickness
- Can use existing harness maker supply chain

- Compatible with IEEE 100BASE-T1 and BroadR-Reach
- Use of jacketed Unshielded Twisted Pair (UTP)
- Leverage industry proven 1.2mm MCON terminal system for high vibration and long-term reliability

OPERATING ENVIRONMENT:

- Dust, dirt, and moisture
- Reduce environmental failure with IP67 and IP69 rated connectors
- Temperature range: -40°C to +120°C
- Vibration and mechanical shock resistance

INDUSTRIES:

- Agriculture
- Construction
- Heavy/Medium Duty Truck
- Bus



Our solutions adapt to virtually any **harsh environment application**, including:



Radar/Lidar



Cameras



Telematics Units



Onboard Diagnostics



Infotainment Applications



Ethernet

enetSEAL+ ETHERNET CONNECTORS

PRODUCT FEATURES



PART OVERVIEW

enetSEAL+ CONNECTOR HOUSINGS

Positions	Description	Keying / Color	Plug (F) Housing	In-line (M) Housing	Panel Mount Pass-thru Adapter Assembled Seal
2	enetSEAL+ 100MB CABLE CONNECTOR HOUSINGS	CODE A	2292906-1	2292937-1	2325106-1
		CODE B	2292906-2	2292937-2	Contact TE

Positions	Description	Keying / Color	Header 180° Assembled Seal*	Header 180° w/ flange, Assembled Seal*	Header 180° Dispensed Sealant	Header 180° w/ flange, Dispensed Sealant	Header 90°
2	enetSEAL+ 100MB PCB SOLDER HEADERS	CODE A	2325102-1	2325102-7	2325103-1	2325103-7	2339032-1
		CODE B	Contact TE	Contact TE	Contact TE	Contact TE	Contact TE

* Use with mounting clip for locking seal to panel/cover

enetSEAL+ CONNECTORS ACCESSORIES & TERMINALS

Description	Keying/Color	TE PN
enetSEAL+ 100MB Mounting Clip 4.5mm panel	BROWN	2325098-2
enetSEAL+ 100MB Mounting Clip 3.5mm panel	GREY	2325098-4
enetSEAL+ 100MB Mounting Clip 3.0mm panel	YELLOW	2325098-6
enetSEAL+ Mounting Clip 2.0mm panel	VIOLET	2325098-7
enetSEAL+ Mounting Clip 1.0mm panel	GREEN	2325098-8
WIRE DRESS BACKSHELL	STRAIGHT	2272168-1
2P BLIND PLUG ASSY	CODE A	2345284-1
2P BLIND PLUG ASSY	CODE B	2345284-2
2P BLIND CAP ASSY	UNIVERSAL	2376612-1

Description	Wire OD	Terminals	
		Female	Male
MCON Terminal 1.2 (Clean Body) Plating: GOLD (Au)	20 AWG 0.5-0.75MM2	1670144-2	1718350-2
MCON 1.2 Terminal (Clean Body) Plating: SILVER (Ag)		1670144-3	1718350-3
MCON 1.2 Terminal (Clean Body) Plating: GOLD (Au)	22 AWG 0.25-0.35MM2	1534594-2	1718348-2
MCON 1.2 Terminal (Clean Body) Plating: SILVER (Ag)		1534594-3	1718348-3

Additional terminal sizes and platings available

www.te.com/dataconnectivity

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