



NTSEAL Sealed Wire-to-Wire Connectors

FEATURES & BENEFITS:



High Density

- Compact, high-density footprint in 20, 26, and 48 position options.



Ease-of-Use

- Seamless mating operation with integrated lever
- Prevents mis-mating of connectors with four coding options and colours
- Optimal flexibility with wire-to-wire inline and flange-mount options with tool-free panel installation
- Uses robust and proven TE accessories like backshells and mounting clips



The Trusted & Reliable Choice

- Utilises the high-performance DEUTSCH size 12, 16, and 20 common contact system
- Achieves IP67, IP68, and IP6K9K sealing levels (with backshell)
- Designed for extreme temperature (-40 °C to +125 °C) and engine-level vibrations
- Terminal Position Assurance (TPA) confirms proper contact installation
- Connector Position Assurance (CPA) confirms correct assembly and prevents accidental unlocking

Providing robust wire-to-wire connectivity in a compact footprint, TE Connectivity's (TE's) family of innovative NTSEAL Sealed Connectors utilise the proven DEUTSCH common contact system for serviceable applications in harsh environments. The rugged connector system is available in 20, 26, and 48 positions and is IP67, IP68, and IP6K9K rated (with backshells) for use in agricultural vehicles, buses, construction equipment, trucks, and other applications where proven environmental protection is required.

Integrated TPA, CPA, and tool-free panel installation help eliminate the need for additional components or specific tools, allowing for quick and easy harness assembly, installation, and repair. This hybrid connector system allows for signal and power together in one connector by using size 12, 16, and size 20 contacts. This is coupled with a small footprint to enable flexibility for the harness designer.

The 26 and 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 providing proper connector mating.

APPLICATIONS



Wire-to-Wire



Panel/
Bulkhead
Mount



Engine



Chassis



Automation



After-Treatment

INDUSTRIES



Truck



Construction



Bus



Power
Sports



Specialty
Vehicles



Marine



Agriculture



Lift Truck



Recreational

NTSEAL Sealed Wire-to-Wire Connectors

PRODUCT FEATURES

Contact/Terminal System	DEUTSCH size 20, size 16, size 12
20 Position	Size 20 (x16), size 16 (x4)
26 Position	Size 20 (x18), size 16 (x4), size 12 (x4)
48 Position	Size 20 (x40), size 16 (x8)
Protection	IP67, IP68, and IP6K9K (with backshell)
Operating Temperature	-40 °C to +125 °C
Contact Operating Current	7.5 A/13 A/25 A (at +125 °C)
Operating Voltage	12 V/24 V
Material (Housing/CPA/TPA)	PBT
Standards & Specifications	Product Specification: 108-101662 Application Specification: 114-32209

NTSEAL 20 POSITION

Contact Arrangement: size 20 (x16), size 16 (x4)

Plugs (Socket Housings)

With CPA				Without CPA			
	Coding	Colour	Part Number		Coding	Colour	Part Number
	Code A	Black	2350890-1		Code A	Black	1-2350890-1
	Code B	Grey	2350890-2		Code B	Grey	1-2350890-2
	Code C	Green	2350890-3		Code C	Green	1-2350890-3
	Code D	Blue	2350890-4		Code D	Blue	1-2350890-4

Receptacles (Pin Housings)

With Flange (Cushion)				Without Flange			
	Coding	Colour	Part Number		Coding	Colour	Part Number
	Code A	Black	1-2350891-1		Code A	Black	2350891-1
	Code B	Grey	1-2350891-2		Code B	Grey	2350891-2
	Code C	Green	1-2350891-3		Code C	Green	2350891-3
	Code D	Blue	1-2350891-4		Code D	Blue	2350891-4
With Flange (Facial Seal)				Mounting Rings			
	Coding	Colour	Part Number	Panel Thickness (mm)	Colour	Part Number	
	Code A	Black	2-2350891-1	1.5±0.05	Yellow	2350943-1	
	Code B	Grey	2-2350891-2	3.0±0.05	Grey	2350943-2	
	Code C	Green	2-2350891-3	3.5±0.05	Green	2350943-3	
	Code D	Blue	2-2350891-4	4.0±0.05	Blue	2350943-4	

Used on pin housing with flange



Backshells			
Adaptive Parameters	Tubing Size	Colour	Part Number
90° Adapter (to be used on 180° backshell)	NW17	Black	2357921-1
180° Receptacle	NW17	Black	2357302-1
180° Tab	NW17	Black	2357302-2

90° adapter needs to be operated based on 180° backshell. 90° adapter can be rotated 360°.



NTSEAL 26 POSITION

Contact Arrangement: size 20 (x18), size 16 (x4), size 12 (x4)

Plugs (Socket Housings)

With CPA			
	Coding	Colour	Part Number
	Code A	Black	2405007-1
	Code B	Grey	2405007-2
	Code C	Green	2405007-3
	Code D	Blue	2405007-4

Mounting Rings		
Panel Thickness (mm)	Colour	Part Number
1.5±0.05	Yellow	2350943-1
3.0±0.05	Grey	2350943-2
3.5±0.05	Green	2350943-3
4.0±0.05	Blue	2350943-4

Receptacles (Pin Housings)

With Flange			
	Coding	Colour	Part Number
	Code A	Black	1-2405028-1
	Code B	Grey	1-2405028-2
	Code C	Green	1-2405028-3
	Code D	Blue	1-2405028-4
Without Flange			
	Coding	Colour	Part Number
	Code A	Black	2405028-1
	Code B	Grey	2405028-2
	Code C	Green	2405028-3
	Code D	Blue	2405028-4

Backshells			
Adaptive Parameters	Tubing Size	Colour	Part Number
180° Backshell	NW19	Black	2428519-1
90° Backshell	NW19	Black	2428518-1



NTSEAL 48 POSITION

Contact Arrangement: size 20 (x40), size 16 (x8)

Receptacles (Pin Housings)

With Flange				Without Flange			
	Coding	Colour	Part Number		Coding	Colour	Part Number
	Code A	Black	2-2366509-1		Code A	Black	2366509-1
	Code B	Grey	2-2366509-2		Code B	Grey	2366509-2
	Code C	Green	2-2366509-3		Code C	Green	2366509-3
	Code D	Blue	2-2366509-4		Code D	Blue	2366509-4

Plugs (Socket Housings)

With CPA				Backshells			
	Coding	Colour	Part Number	Adaptive Parameters	Tubing Size	Colour	Part Number
	Code A	Black	2366494-1	180° Backshell	NW26	Black	2378521-1
	Code B	Grey	2366494-2	90° Backshell	NW26	Black	2378527-1
	Code C	Green	2366494-3				
	Code D	Blue	2366494-4				



Mounting Rings		
Panel Thickness (mm)	Colour	Part Number
1.5±0.05	Yellow	2366517-1
3.0±0.1	Grey	2366517-2
3.5±0.05	Green	2366517-3
4.0±0.05	Blue	2366517-4

Used on pin housing with flange

CONTACTS

Stamped & Formed Contacts

Contact Series	Wire Size (mm ²)	Insulation Diameter (mm)	Socket Part Number	Pin Part Number
DEUTSCH Size 12 Contact	2.0-4.0	3.4-4.3 (26p)	1062-12-01**	1060-12-01**
	4.0-6.0	3.4-4.3 (26p)	1062-12-02**	1060-12-02**
DEUTSCH Size 16 Contact	1.0-1.5	1.9-3.0 1.7-3.0(26p)	1062-16-01**	1060-16-01**
	1.0-2.5	1.9-3.0	1062-16-12**	1060-16-12**
DEUTSCH Size 20 Contact	0.5-1.5	1.9-2.4	1062-20-01**	1060-20-01**
	0.5-1.5	1.4-2.16	1062-20-02**	1060-20-02**
	0.5-1.5	1.9-2.4	1062-20-03**	
	1.0-1.5	1.9-2.4	1062-20-06**	1060-20-06**

** Plating code number. Refer to contact drawing or contact product spec. sheet for details.



Solid Contacts

Contact Series	Wire Size (mm ²)	Insulation Diameter (mm)	Socket Part Number	Pin Part Number
DEUTSCH Size 12 Contact	2.0-4.0	3.4-4.3 (26p)	0462-203-12**	0460-204-12**
DEUTSCH Size 16 Contact	1.0-1.5	1.9-3.0 1.7-3.0(26p)	0462-201-16**	0460-202-16**
DEUTSCH Size 20 Contact	0.5	1.4-2.4	0462-201-20**	0460-202-20**
	0.75-1.0	1.4-2.4	0462-005-20**	0460-010-20**

** Plating code number. Refer to contact drawing or contact product spec. sheet for details.

Sealing Plugs

Contact Series	For Position	Colour	Pin Part Number
Size 12	26 Position	Purple	2428520-1
Size 16	20 Position	Grey	2373921-1
	26 & 48 Position	Blue	2373921-3
Size 20	20 Position	Yellow	2373921-2
	26 & 48 Position	Green	2373921-4

Mounting clips

	Adaptive Parameters	Colour	Part Number
	Bracket Hole Size ø7.0 mm Panel Thickness: 1-2 mm	Black	2355806-1
	Panel Thickness: 2.0-4.0 mm Through Hole/ ø6.35 mm above 2.0-6.0 mm Threaded M8	Black	2357922-1

Used on housings without flange

	Mounting Direction	Colour/Material	Hole O.D. (in [mm])	Part Number
	Straight	Stainless steel	0.433 [11.0]	1027-003-1200
	Straight	Stainless steel	0.512 [13.0]	1027-005-1200
	Straight	Steel w/zinc plating	0.512 [13.0]	027-004-1200
	Straight	Grey plastic	0.200 [5.08]	1011-026-0205
	Straight	Black plastic		1011-030-0205
	Straight	Black plastic		1011-310-0205

Used on housings without flange



AutoTech | RiskTech | ManTech | ServTech | FleetTech | EngTech

Eastern Cape - Port Elizabeth
T: +27 (0)82 450 6596

Free State - Bloemfontein
T: +27 (0)63 257 0505

Gauteng - Bedfordview (FleetTech)
T: +27 (0)10 329 0932

Gauteng - Jet Park (HQ)
T: +27 (0)11 823 5650

KwaZulu Natal - Pinetown
T: +27 (0)31 303 4129

Mpumalanga - Middelburg
T: +27 (0)13 692 8132

Northern Cape - Kathu
T: +27 (0)53 723 3415

North West - Rustenburg
T: +27 (0)14 596 5257

Western Cape - Cape Town
T: +27 (0)21 945 1453

Botswana - Gaborone
T: +267 399 4150

Mozambique - Tete
T: +258 252 20666

Zambia - Kitwe
T: +26 (0)21 222 5338

Call us today!
TRYSOME
AUTO-ELECTRICAL ENGINEERING
Delivering Optimal **Uptime!**

trading@trysome.co.za • www.trysome.co.za • PO Box 13677, Witfield 1467

These products may not be stock items. Please speak to our sales representative about lead times. Lead times, price, and availability can only be determined on receipt of an official quote from our supplier. This can sometimes take up to 3 days.