



SUPERSEAL pro Inline Sealed Connector

Sealed Inline Connectivity Solution for Lower-Vibration Chassis Applications

TE Connectivity (TE) has developed its all-in-one, high-value SUPERSEAL pro 2-, 3-, and 4-position sealed connectors for lower-vibration chassis commercial vehicle applications.

Using the proven MCON 1.2 SWS terminal with a 17A-current-carrying capacity, SUPERSEAL pro 2-, 3-, and 4-position sealed connectors provide a vibration resistance that complies with USCAR V2.

With pre-assembled and color-coded TPA options, SUPERSEAL pro's integrated front seal housing design improves terminal retention and allows easy assembly with proper terminal positioning during mating and un-mating.

Made with flame-retardant UL 94 V-0 materials and the optional HB for a sealing level of IP67, IP68 and IP6K9K (with back shell), SUPERSEAL pro connectors offer high protection and superior sealing performance, enabling water-tight connections.

SUPERSEAL pro's wire-to-wire and wire-to-board options deliver better reliability, greater resistance to water and moisture, and increased performance in sealed inline applications, whilst offering more cost-effective choices for commercial vehicle.

KEY FEATURES

- Easy to assemble with integrated pre-lock, color-coded TPA options
- High protection level with enhanced front seal design
- Sealing levels of IP67/IP68/IP6K9K (with back shell) with enhanced seal retention features
- Protection from excessive vibration and mechanical stress with proven MCON 1.2 SWS terminals
- Additional safety and better flammability protection with UL 94 V-0 materials

TARGET MARKETS

SUPERSEAL pro 2-, 3-, and 4-position position connectors provide high-performance for inline connections in various markets:

FOCUS APPLICATIONS

- Wire-to-wire connectivity for engine, chassis, cab, automation, lighting, and diagnostics uses
- Wire-to-device, such as sensors, lights, valves, pumps, and solenoids



Light-Duty Truck



Bus



Heavy-Duty Truck



Wire-2-Wire



Sensors



Lights



Gauges



2-Wheeler



Industrial



Appliances



Actuators















Switches



















Solenoids

SUPERSEAL pro 2-Position Part Numbers

Version	Plug PN	Picture	Receptacle PN	Picture	Coding	TPA Color	Housing Color
VO	2324808-1		2327042-1		A	Yellow	Black
	2324808-2		2327042-2		B	Green	Black
	2324808-3		2327042-3		C	Nature	Black
HB	2-2324808-1		2-2327042-1		A	Yellow	Grey
	2-2324808-2		2-2327042-2		B	Green	Grey
	2-2324808-3		2-2327042-3		C	Nature	Grey

SUPERSEAL pro 3-Position Part Numbers

Version	Plug PN	Picture	Receptacle PN	Picture	Coding	TPA Color	Housing Color
VO	1-2356607-1		1-2356631-1		A	Yellow	Black
	1-2356607-2		1-2356631-2		B	Green	Black
	1-2356607-3		1-2356631-3		C	Nature	Black
	1-2356607-4		1-2356631-4		D	Blue	Black
HB	3-2356607-1		3-2356631-1		A	Yellow	Grey
	3-2356607-2		3-2356631-2		B	Green	Grey
	3-2356607-3		3-2356631-3		C	Nature	Grey
	3-2356607-4		3-2356631-4		D	Blue	Grey

SUPERSEAL pro 4-Position Part Numbers

Version	Plug PN	Picture	Receptacle PN	Picture	Coding	TPA Color	Housing Color
VO	2356607-1		2356631-1		A	Yellow	Black
	2356607-2		2356631-2		B	Green	Black
	2356607-3		2356631-3		C	Nature	Black
	2356607-4		2356631-4		D	Blue	Black
HB	2-2356607-1		2-2356631-1		A	Yellow	Grey
	2-2356607-2		2-2356631-2		B	Green	Grey
	2-2356607-3		2-2356631-3		C	Nature	Grey
	2-2356607-4		2-2356631-4		D	Blue	Grey

MCON 1.2 & MONO MCON 1.2 SWS Contact Part Numbers

	Plating	Receptacle PN	Tab PN	Wire Size	Insulation Diameter
MCON 1.2	Tin-Plated	1418844-1	2141114-1	0.35mm ²	Ø1.10-1.40mm
		1670146-1	2141116-1	0.5-0.75mm ²	Ø1.40-1.90mm
		1418850-1	2177610-1	1.0-1.5mm ²	Ø1.90-2.40mm
	Silver-Plated	1418844-3	2141114-3	0.35mm ²	Ø1.10-1.40mm
		1670146-3	2141116-3	0.5-0.75mm ²	Ø1.40-1.90mm
		1418850-3	2177610-3	1.0-1.5mm ²	Ø1.90-2.40mm
MONO MCON 1.2	Tin-Plated	2321539-3	2321538-3	0.35mm ²	Ø1.10-1.40mm
		2321539-2	2321538-2	0.50mm ²	Ø1.40-1.70mm
		2321539-1	2321538-1	0.75-1.0mm ²	Ø1.45-2.10mm
		2364199-3*	2364195-3*	0.35mm ²	Ø1.10-1.40mm
		2364199-2*	2364195-2*	0.50mm ²	Ø1.40-1.70mm
		2364199-1*	2364195-1*	0.75-1.0mm ²	Ø1.45-2.10mm

Remarks: Due to lower vibration level, tin-plated MCON 1.2 Mono terminals can only be used for on body and chassis applications.
Wire size 1.0-1.5mm² is not available now.

Accessory Part Numbers

Single Wire Seal

PN	Insulation Diameter	Color
963142-2	1.10-1.75	Grey
963142-1	1.40-2.40	Black

Blind Plug

PN	Color
963143-1	White

Clip

PN	Color
2355806-1	Black
2357922-1	Black

Back Shell (2-Position)

Version	PN	Style	Tubing (mm)	Connector
HB	2363791-1	180°	6, 7.5, 8.5, and 10	Receptacle
	2363714-1	180°	6, 7.5, 8.5, and 10	Plug
	2363796-1	90°	6, 7.5, 8.5, and 10	Receptacle & Plug
VO	2363791-2	180°	6, 7.5, 8.5, and 10	Receptacle
	2363714-2	180°	6, 7.5, 8.5, and 10	Plug
	2363796-2	90°	6, 7.5, 8.5, and 10	Receptacle & Plug

Back Shell (3-,4-Position)

Version	PN	Style	Tubing (mm)	Connector
HB	2371721-1	180°	6, 7.5, 8.5, and 10	Receptacle
	2371723-1	180°	6, 7.5, 8.5, and 10	Plug
	2371725-1	90°	6, 7.5, 8.5, and 10	Receptacle & Plug
VO	2371721-2	180°	6, 7.5, 8.5, and 10	Receptacle
	2371723-2	180°	6, 7.5, 8.5, and 10	Plug
	2371725-2	90°	6, 7.5, 8.5, and 10	Receptacle & Plug

Back Shell (2-Position, DEUTSCH)

PN	Style	Tubing (mm)	Connector
1011-229-0205	180°	6, 7.5, 8.5, and 10	Receptacle
1011-230-0205	90°	6, 7.5, 8.5, and 10	Receptacle
1011-227-0205	180°	6, 7.5, 8.5, and 10	Plug
1011-228-0205	90°	6, 7.5, 8.5, and 10	Plug

Back Shell (4-Position, DEUTSCH)

PN	Style	Tubing (mm)	Connector
1011-237-0405	180°	6, 7.5, 8.5, and 10	Receptacle
1011-238-0405	90°	6, 7.5, 8.5, and 10	Receptacle
1011-235-0405	180°	6, 7.5, 8.5, and 10	Plug
1011-236-0405	90°	6, 7.5, 8.5, and 10	Plug

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