DT WELD CAP   **DT SNAP CAP**

DEUTSCH DT 2 & 3 POSITION SNAP CAP CONNECTOR FOR INLINE APPLICATIONS

New product extension features rear wire seal snap cap cover with and without CPA

In order to protect vital electrical connections from the harsh conditions in which they must to perform, many vehicle and equipment manufacturers choose the extremely popular and highly reliable DEUTSCH DT 2/3 position sealed connectors from TE Connectivity. The DEUTSCH DT connector series is used for wire-to-wire connections, on integrated header modules with internal printed circuit boards and various devices (sensors, actuators, etc.) for low-power transmission and signal level communication circuits. Constructed from engineering grade resin materials compliant with UL94 V0 flammability ratings, this DEUTSCH DT snap cap series uses the same long established ruggedized circular DEUTSCH pin & socket common contact system parts that function well in tough working conditions of high vibration, and extreme temperature environments.

KEY BENEFITS

- Improves interface performance with latch-lock feature to prevent un-intentional latch operation and make reliable connections
- Covers offer the same seal protection as the welded-in place caps, with additional wire routing features to enhance wire seal side-loading support
- Standard short snap cap provides individual wire routing support features
- Longer extended snap caps are meant to be used with heat-shrink tubing for extra protection of wiring from heavy spray or splash conditions
- Constructed from engineering grade resin materials compliant with UL94V-0 flammability ratings

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DEUTSCH DT snap cap with/without CPA design

Following the success of our DEUTSCH DT range, we are delighted to introduce the new wire-to-wire snap cap design for the DEUTSCH connector series – a new option from a trusted and highly experienced supplier.
With this addition, the DEUTSCH DT 2/3 series now includes three versions – the existing standard version, the welded seal cover and our innovative new snap cap design.
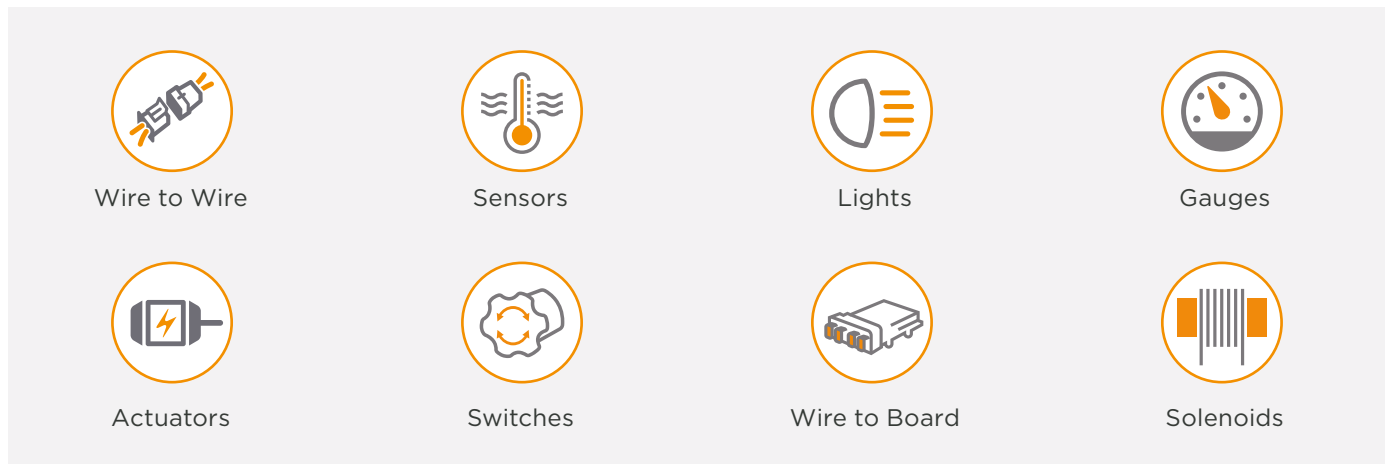The new DEUTSCH DT snap cap plugs include an enhanced front seal retention and secondary wedge-lock design, which is known as the -PO12 style modification. The new versions are validated to all of the historical DEUTSCH DT connector requirements, offering interface compatibility with all previous mating connectors and interfaces, while making a seamless transition from legacy design to future designs.
And the CPA design for the plug housing improves interface performance to prevent un-intentional latch operation and make reliable connections.

TARGET MARKETS

Truck Bus Construction Specialty Vehicle Agriculture Lift Truck

Marine Recreational Vehicles Industrial Aerospace & Defense Recreational

APPLICATIONS

Wire to Wire Sensors Lights Gauges

Actuators Switches Wire to Board Solenoids

PRODUCT SPECIFICATION

Protection	IP67, IP68
Operating Temperature	-55° to +125°C
Position size	2Pol and 3Pol
Contact/Terminal system	13A
Housing Color	Black, Grey
Isulation Resistance	1000 Mohm

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SEALING RANGE

Conductor Range	Insulation OD Sealing Range (in)	Seal Type
14-20 AWG [2.5-0.5 mm²]	.088-145 [2.23-3.68]	N-Seal
	.053-.120 [1.35-3.05]	E-Seal

NEW DEUTSCH DT SNAP CAP WITH/ WITHOUT CPA PN LIST

Position	SEAL	Color	CAP	PLUG (WITHOUT CPA)		PLUG (WITH CPA)		REC	
				TE PN	DEUTSCH PN	TE PN	DEUTSCH PN	TE PN	DEUTSCH PN
2	E	GRY	Short	1-2303815-1	DT06-2S-TE31	1-2370702-1	DT06-2S-TEL1	1-2303812-1	DT04-2P-TE31
		BLK	Short	1-2303815-4	DT06-2S-TE32	2-2370702-2	DT06-2S-TEL2	1-2303812-4	DT04-2P-TE32
		GRY	Long	2-2303815-1	DT06-2S-TE81	-	-	2-2303812-1	DT04-2P-TE81
		BLK	Long	2-2303815-4	DT06-2S-TE82	-	-	2-2303812-4	DT04-2P-TE82
	N	GRY	Short	1-2303815-2	DT06-2S-TN31	1-2370702-2	DT06-2S-TNL1	1-2303812-2	DT04-2P-TN31
		BLK	Short	1-2303815-3	DT06-2S-TN32	2-2370702-1	DT06-2S-TNL2	1-2303812-3	DT04-2P-TN32
		GRY	Long	2-2303815-2	DT06-2S-TN81	-	-	2-2303812-2	DT04-2P-TN81
		BLK	Long	2-2303815-3	DT06-2S-TN82	-	-	2-2303812-3	DT04-2P-TN82

Position	SEAL	Color	CAP	PLUG (WITHOUT CPA)		PLUG (WITH CPA)		REC	
				TE PN	DEUTSCH PN	TE PN	DEUTSCH PN	TE PN	DEUTSCH PN
3	E	GRY	Short	1-2303816-1	DT06-3S-TE31	1-2370703-1	DT06-3S-TEL1	1-2303813-1	DT04-3P-TE31
		BLK	Short	1-2303816-4	DT06-3S-TE32	2-2370703-2	DT06-3S-TEL2	1-2303813-4	DT04-3P-TE32
		GRY	Long	2-2303816-1	DT06-3S-TE81	-	-	2-2303813-1	DT04-3P-TE81
		BLK	Long	2-2303816-4	DT06-3S-TE82	-	-	2-2303813-4	DT04-3P-TE82
	N	GRY	Short	1-2303816-2	DT06-3S-TN31	1-2370703-2	DT06-3S-TNL1	1-2303813-2	DT04-3P-TN31
		BLK	Short	1-2303816-3	DT06-3S-TN32	2-2370703-1	DT06-3S-TNL2	1-2303813-3	DT04-3P-TN32
		GRY	Long	2-2303816-2	DT06-3S-TN81	-	-	2-2303813-2	DT04-3P-TN81
		BLK	Long	2-2303816-3	DT06-3S-TN82	-	-	2-2303813-3	DT04-3P-TN82

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