DT DETECTOR

Transparent connector with integrated LED to help with troubleshooting

TE Connectivity's Detector connector is an extension of the reliable and time-tested DEUTSCH DT connector series. The 2 way plug features a transparent housing and a wedgelock with an integrated 12 or 24 volt LED option. The environmentally sealed Detector plug provides a visual confirmation of power to help with troubleshooting, especially in areas with difficult connector visibility and accessibility.

FEATURES

- Integrated LED circuit on the wedgelock
- Accepts all size 16 DEUTSCH contacts, solid or stamped & formed
- Multi-directional viewing of LED through transparent housing
- Color coded wedgelocks for operating voltages, 12VDC (yellow) and 24VDC (red)
- Joint retention fingers allow both contacts to be removed at the same time
- Compatible with pulse width modulated control

SPECIFICATIONS

Operating Temperature:	-55°C to +125°C
Contact Current Rating:	13 amps
Flammability:	UL94-V0 rated housing material, UL94-HB rated seal material
Category:	IP67, IP6K9K when used with backshells
LED Circuit Current:	Two LED circuit with operating current of ~10mA
Vibration:	No unlocking or unmating and exhibits no mechanical or physical damage after sinusoidal vibration levels of 20 G's at 10 to 2000 Hz in each of the three mutually perpendicular planes. No electrical discontinuities longer than 1 microsecond.

APPLICABLE DOCUMENTS

108-94369 - Product Specification
114-94237 - Application Specification

Warning

Wiring the connector with the wrong polarity (+/-) can cause damage to the electrical components.

ORDERING INFORMATION

Description	Part Number
Plug, 2 way, transparent PEI material, reduced diameter seals, end cap*	DT06-2S-SDT-CE27 (2286003-1)
Plug, 2 way, transparent PEI material, reduced diameter seals	DT06-2S-SDT-CE28 (2286003-3)
Wedgelock, LED, 12V, yellow	W2S-SDT-12V (2286014-2)
Wedgelock, LED, 24V, red	W2S-SDT-24V (2286014-1)

*Backshells can be used on connectors without end caps

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PRODUCT SHEET

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