

Comprehensive M12 Power Portfolio

Turck is expanding its range of integrated solutions for decentralized power supplies – from cables right through to RFID and I/O modules

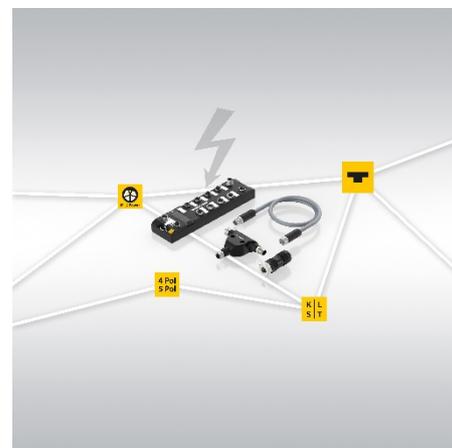
Mülheim, August 19, 2021 – Turck is expanding its extensive connection technology range and is now offering a fully comprehensive M12 Power portfolio in K, L, S and T codings. Besides the already available overmolded M12 Power cables, the M12 Power range now also includes field wireable male connectors, receptacles and junctions as well as M12-to-7/8" adapter cables. In addition to the connection technology, Turck is also offering its customers M12 Power technology in its robust I/O and RFID block modules as well as power supply units with IP67 protection.

The wide range of possible combinations enable simple and efficient solutions for a structured and decentralized power supply – from the power supply unit to the control cabinet through to any end devices. Users benefit from high system availability as well as time and cost savings thanks to the safe and high-performance power transfer – even at high ambient temperatures.

Turck's robust M12 Power solutions are a match for the toughest conditions, which frequently occur in applications such as in machine building applications, sorting and packaging plants, the automobile industry or materials handling. The compact M12 male connectors are suitable for virtually any application. This is particularly important in restricted spaces or in environments that are difficult to access. With protection to IP69K they ensure safe operation at any time.

The different codings of the connectors prevent the possibility of connection errors when used in a wide range of applications. The 4 and 5-pin L-coded as well as 4-pin T-coded M12 Power connectors are specially designed for use with DC power supply units for up to 63 V DC/16 A. The 5-pin K coded and 4-pin S coded variants were developed for power supplies up to 630 V AC/16 A and are particularly suitable for the power supply of AC motors and drives.

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Turck is offering an M12 Power complete package, from cables to connectors right through to RFID modules, I/O modules and power supply units

ADDITIONAL INFORMATION

<https://www.turck.de/en/product-news-2860-comprehensive-m12-power-portfolio-41787.php>

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