********Distributor box for power applications**

In field-based power distribution, at power supply voltages of 24 V a larger cable cross-section size is required in order to counteract voltage drop across long distances. The M12 power distribution boxes from Phoenix Contact, in combination with standard cables of up to 4x6 mm², are designed for this application.

The distributor has four T-coded M12 slots with a current load of up to 10 A per channel. Each of the eight channels is equipped with a plug-in fuse. Devices are connected directly via T-coded M12 standard cables. The distributor is supplied via standard cables and a plug-in sleeve housing with contact inserts and separate crimp contacts.

The status of the input and output sides can be checked at any time via LEDs. Further evaluation data is provided via an M12 diagnostics port that is connected to the controller in the control cabinet. T-coded items such as moulded system lines, attachable plug-in connectors, Y-distributors, and energy distributors provide reliable power distribution in the field.

**ENDS**

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