

11.03.2020 | LÜTZE LCOS bus coupler 778000.1301

## New bus coupler for load monitoring

The automation specialist LÜTZE, Weinstadt, expands the LCOS bus coupler for universal plug options. In addition to the electronic load sensors of the LCOS-CCI family, the widespread LOCC-Box Net components can now also be used.

The new bus couplers by LÜTZE not only operate the electronic LCOS load monitoring, but also the LOCC-Box Net components that have been successful for many years. PROFINET-IO, EtherCAT and Ethernet IP are available as compatible bus interfaces. Remote diagnosis via TCP/IP is possible round the clock via a separate Ethernet interface.



Fig.: LCOS bus coupler for universal plug options

Core benefits of the new LÜTZE LCOS CCI series include a feed with two electrically insulated RJ45 female connectors, an electrically insulated DC 24V supply and 2 configuration interfaces on the bus such as website and USB. Connected configurations are automatically imported. Up to 64 participants and/or up to 80 external LOCC-Box Net modules can be switched on the bus in line. The USB communication is supplied using USB specification 2.0 with 480 Mbit/s (USB-High-Speed). There are LED status displays for power, run and status, as well as other states.

## About the LCOS housing system

With the LCOS, LÜTZE has developed an IP20 housing system that can be used as a system-integrated or a stand-alone solution. LCOS can be extended into a complete modular input-output system using tool-free plug-in data or energy modules. The LCOS electronic housing is based on a device carrier that holds the separate housings or the plug-in function units. The patented four-wire bus allows the field side to be supplied with up to 16 current per conductor, which is A rated. This allows for the creation of one to three-phase functions with an operating voltage of 500 V or also 24 V applications with a current load of DC 32 A. The LÜTZE LCOS electronic housing with UL-approval can be used worldwide.

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Charakters incl. Spaces: 1.378