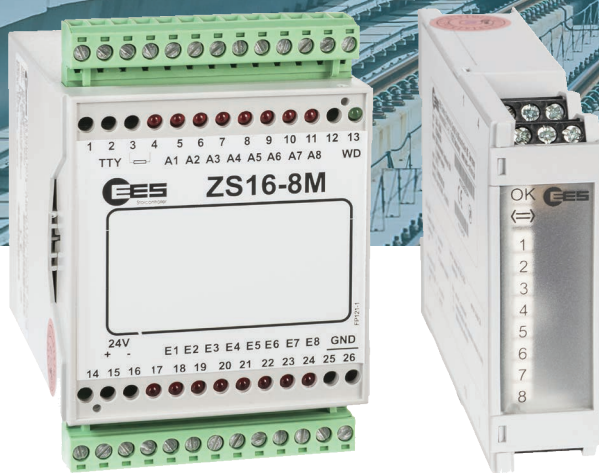


←check
and
control→



TWO-WIRE SYSTEMS: MULTIPLEXING OVER LONG DISTANCES

The two-wire multiplexer are ideal for signal transmission in widely ramified water / wastewater, industrial and railway sites and building engineering.

The compact units does not demand on quality of the cable that are used for the transmission and have a high immunity to interference in the transmission of analog current or voltage values as well as digital, static signals and counters.

For reliable transmission and analysis of the data telegrams secure protocols are used. Depending on requirements data transmission is unidirectional or bidirectional.



UNIDIRECTIONAL TWO-WIRE TRANSMISSION

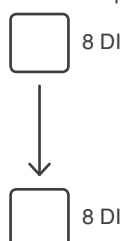


ZS8A

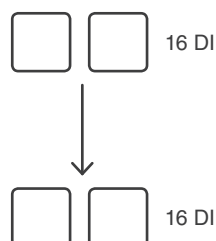
- Unidirectional transmission on 2-wires
- Range up to 15 km
- Easy configuration with DIP-switches
- Short-circuit proof transistor outputs
- Operation monitoring and status indication with LEDs
- 8 binary values; 2 of these configurable as counter values
- Extendable by 8 binary values or 1 analogue value 0...10V / 0...20mA
- Compact, 22.5 mm small modules for DIN-rail mounting

Layout ZS8A

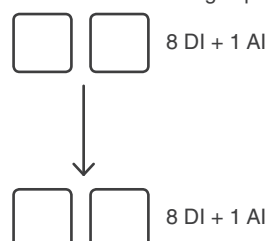
Basic set-up



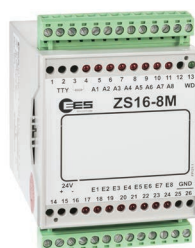
Max. extension with digital expansion module



Extension with analog expansion module



BIDIRECTIONAL TWO-WIRE TRANSMISSION

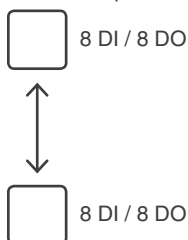


ZS16

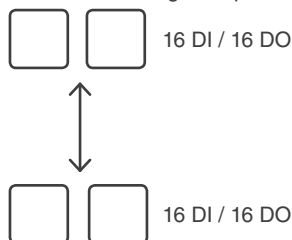
- Bidirectional transmission on 2-wires
- Range up to 15 km
- Easy configuration with DIP-switches
- Short-circuit proof transistor outputs
- Operation monitoring and status indication with LEDs
- Modular system architecture up to 16 binary and 4 analogue values (0..10V/0..20mA) in both directions
- Modules for DIN-rail mounting

Layout ZS16

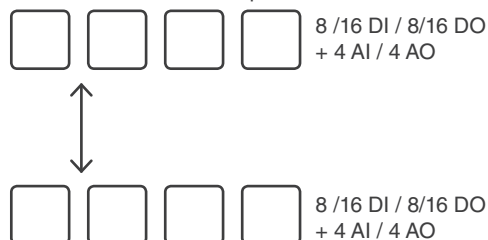
Basic set-up



Extension with digital expansion module



Max. extension with all expansion modules



CONTACT

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