Features

- 4-channel
- Analog output module for 0/4 mA ... 20 mA
- Installation in Zone 2, Zone 22, or safe area
- HART communication via field bus or service bus
- Simulation mode for service operations (forcing)
- Line fault detection (LFD)
- · Permanently self-monitoring
- Module can be exchanged under voltage (hot swap)

Function

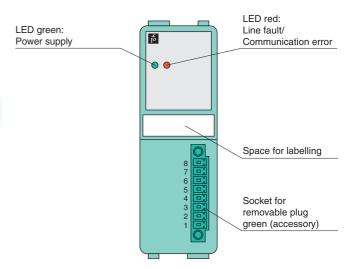
The device drives positioners, proportional valves, I/P converters, or local indicators.

Open and short-circuit line faults are detected.

The outputs are galvanically isolated from the bus and the power supply.

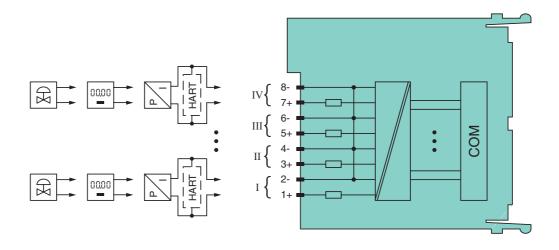
Assembly

Front view



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Connection



Zone 2

Supply Connection

Interface

Output Connection

Current

Load

Watchdog

Deviation

Line fault detection

Response threshold

Transfer characteristics

Rated voltage Power consumption Internal bus Connection

backplane bus

backplane bus

750 Ω max. min. 1 mA

 \geq 850 Ω

12 V DC, only in connection with the power supplies LB9***

manufacturer specific bus to standard Com Unit/gateway

terminals 1+, 2-, 3+, 4-, 5+, 6-, 7+, 8-

output off 0.5 s after serious fault

0.1 % of the input signal range at 20 °C (68 °F)

4 ... 20 mA (0 ... 25 mA) short-circuit protected

System information	The module has to be mounted in appropriate backplanes (LB9***) in Zone 2 or outside hazardous areas. Here, the corresponding declaration of conformity has to be observed. For use in hazardous areas (e. g. Zone 2 or Zone 22) the module must be installed in an appropriate enclosure.
Supplementary information	EC-Type Examination Certificate, Statement of Conformity, Declaration of Conformity, Attestation of Conformity and instructions have to be observed where applicable. For information see www.pepperl-fuchs.com.