Features

- 4-channel
- · Inputs Ex ia
- Power supply for 2- or 3-wire transmitters with 4 mA ... 20 mA
- Supply circuit 15 V (20 mA)
- Input from active signals of 4-wire transmitters
- Installation in suitable enclosures in Zone 1 or Zone 21
- Simulation mode for service operations (forcing)
- Line fault detection (LFD)
- · Permanently self-monitoring

Function

The transmitter power supply feeds 2- and 3-wire transmitters.

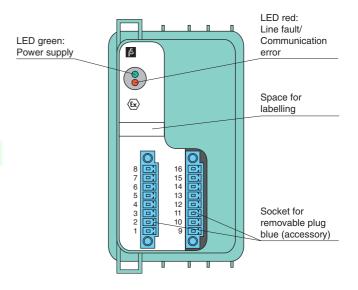
Active signals from separately powered field devices and 4-wire transmitters can be connected.

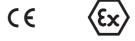
Open and short-circuit line faults are detected.

The intrinsically safe inputs are galvanically isolated from the bus and the power supply.

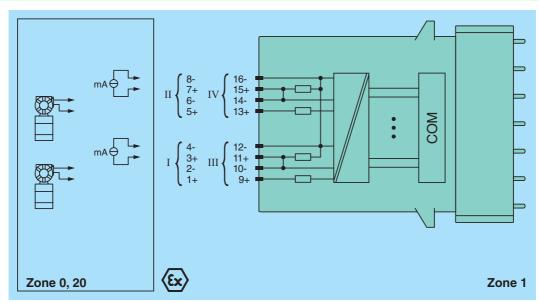
Assembly

Front view





Connection



Power	P_{o}	2 mW (trapezoid characteristic curve)
Electrical isolation		
Input/power supply, internal bus		safe electrical isolation acc. to IEC/EN 60079-11, voltage peak value 375 V
Directive conformity		
Directive 94/9/EC		EN 60079-0, EN 60079-1, EN 60079-11, EN 60079-26, EN 61241-0, EN 61241-11
International approval	ls	
IECEx approval		pending
General information		
System information		The module has to be mounted in appropriate backplanes and housings (FB92**) in Zone 1, 2, 21, 22 or outside hazardous areas (gas or dust). Here, the corresponding EC-Type Examination Certificate has to be observed.
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.