Features

- 1-channel
- · DC version, positive polarity
- Working voltage 13 V at 10 μA
- Series resistance max. 1025 Ω
- Fuse rating 100 mA
- · DIN rail mounting
- Increased nominal resistance 1 $k\Omega$

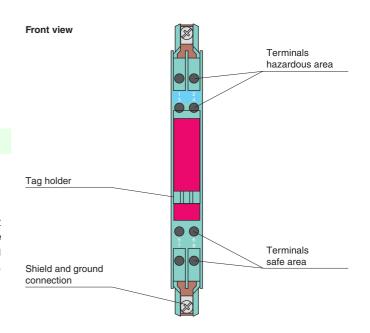
Function

The Zener Barrier prevents the transfer of unacceptably high energy from the safe area into the hazardous area.

The zener diodes in the Zener Barrier are connected in the reverse direction. The breakdown voltage of the diodes is not exceeded in normal operation. If this voltage is exceeded, due to a fault in the safe area, the diodes start to conduct, causing the fuse to blow. The Zener Barrier has a positive polarity, i. e. the anodes of the zener diodes are grounded.

The Zener Barrier has an increased nominal resistance of 1 kΩ.

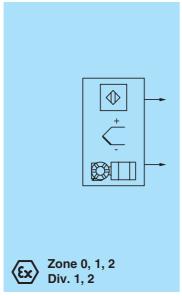
Assembly

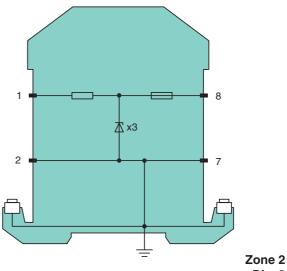






Connection





Div. 2

Refer to "General Notes Relating to Pepperl+Fuchs Product Information"

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DC version, positive polarity

General specifications

Electrical specifications

Type