

# HAW569

## Surge arresters

### Surge arresters for field mounting



#### Benefits:

- Compact device for the protection of signal / communication lines (Ex ia approval as an option) or for the simultaneous protection of signal, communication and supply lines (Ex d approval as an option)
- Optionally available with SIL2 intrinsically safe approvals

from **CHF141.00**

Price as of 21.10.2021

More information and current pricing:

[www.ch.endress.com/HAW569](http://www.ch.endress.com/HAW569)

**Field of application:** The HAW569 surge arrester is used to protect electronic components in field devices from being destroyed. It ensures that overvoltage surges which occur in signal cables (e.g. 4 to 20 mA), in communication lines of Field buses (HART, PA, FF) and in power lines are safely passed into the ground. The functionality of the electronic component to be protected is not affected as, using the impedance-free connection of the protection unit, interference voltage drops cannot be introduced.

#### Features and specifications

**Surge arrester****Measuring principle**

Surge arrester

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**Function**

Surge arrester for field installation

Easy and space-saving mounting directly at the field transmitter

Combined protection of sensor cables and supply lines in one device (especially for 4-wire transmitters)

Flexible integration into the measuring chains of the process industry due to approvals according to ATEX & IEC, SIL2 conformity

Compatibility with the established fieldbuses (HART, FF, PA)

Uninterruptible operation of the plant due to an automatic resetting after the discharge process

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**Certification**

ATEX/IEC Ex ia for lead through version

ATEX/IEC Ex d for screw in version

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**Dimensions (wxhxd)**

HAW569-xA2B: (lead through version)

Diameter AF/SW27, internal and external thread M20x1.5, length 77 mm (3.03")

HAW569-CB2C: (screw in version)

Diameter AF/SW27, external thread M20, length 83 mm (3.27")

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**Operating Voltage**

24V/120V/230V

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## Surge arrester

### Measuring principle

Surge arrester

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### Measuring principle

Surge arrester for field mounting

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### Function

Surge arresters are applied to protect electronic components of a plant against overvoltage! Due to this, investment intensive measuring instruments are protected and the plant availability is increased.

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### Application

Surge protection for power supply or signal / communication cables

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### SIL

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### Certificates

ATEX

IECEX

CSA

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More information [www.ch.endress.com/HAW569](http://www.ch.endress.com/HAW569)