


Safety Instructions

RIA14

Ex tb IIIC T110°C Db



Document: XA02269R

Safety instructions for electrical apparatus for explosion-hazardous areas →  3

RIA14

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Associated documentation This document is an integral part of the following Operating Instructions:

- Operating instructions: BA00278R/09
- Brief operating instructions: KA00277R/09
- Technical information: TI00143R/09

Supplementary documentation

Explosion-protection brochure: CP00021Z/11

The Explosion-protection brochure is available: In the download area of the Endress+Hauser website: www.endress.com → Download → Advanced → Documentation code: CP00021Z

Certificates

EAC certificate of conformity

- Certification body: ООО "НАИО ЦСБЭ"
- Certificate number: EAЭC RU C-DE.AA87.B.00247/19

Affixing the certificate number certifies conformity with the following standards:

- GOST 31610.0-2014 (IEC 60079-0:2011)
- GOST IEC 60079-1-2011

Manufacturer address

Endress+Hauser Wetzler GmbH + Co KG

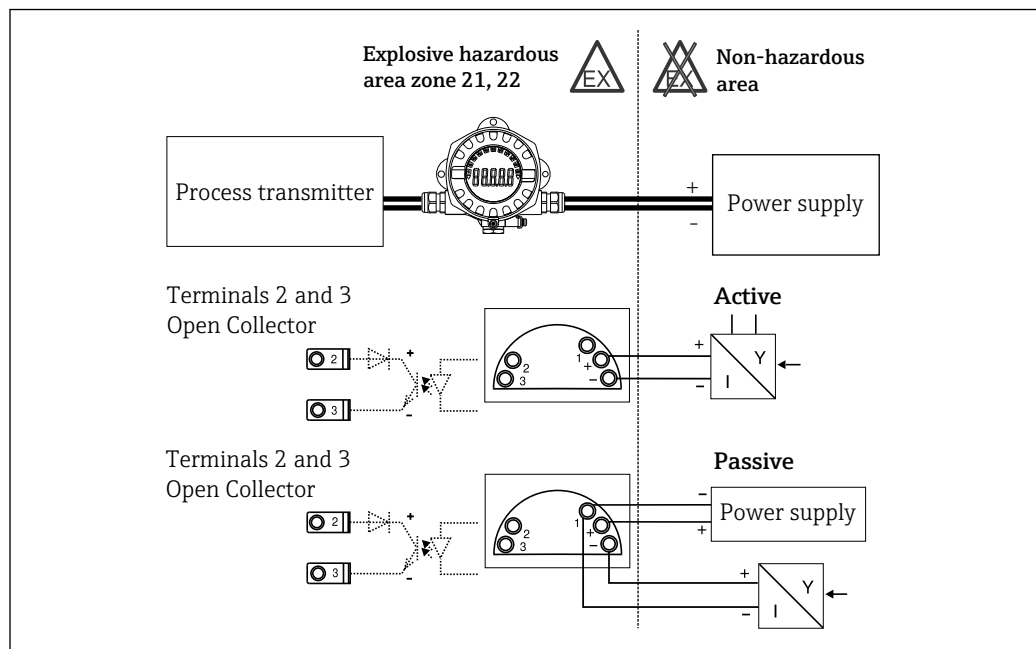
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**Safety instructions:
Installation**



A0012493-EN

1 Installation of the field indicator

Type of protection 'dust ignition protection

⚠ WARNING

Explosive atmosphere

- ▶ Do not open in a potentially explosive dust atmosphere.

- Install the device according to the manufacturer's instructions and any other valid standards and regulations.
- Seal the cable entries tight with tested cable glands (min. IP67).
- The housing of the RIA14 must be connected to the potential matching line.
- For ambient temperature higher than 70 °C, suitable cables, wires or conductors for conduits must be used.

Temperature tables

| Type | Temperature range |
|-------|-------------------|
| RIA14 | -40 to 80 °C |

Electrical connection data

| Type | Electrical data | |
|-------|---------------------------------------|--|
| RIA14 | Power supply (terminals + and -) | $U \leq 35 V_{DC}$ $I \leq 200 \text{ mA}$ $P \leq 3 \text{ W}$ |
| | Open Collector (terminals 2 and 3) | $U \leq 35 V_{DC}$ $I \leq 100 \text{ mA}$ $P \leq 875 \text{ mW}$ |



71505285

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