

Safety Instructions

RIA15

1 Ex ib IIC T6 Gb X



RIA15

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About this document

The document number of these Safety Instructions (XA) must match the information on the nameplate.

Associated documentation

To commission the device, please observe the Operating Instructions pertaining to the device:

www.endress.com/<product code>, e.g. RIA15

Supplementary documentation

Explosion protection brochure: CP00021Z

The explosion protection brochure is available on the Internet:

www.endress.com/Downloads

Certificates and declarations**EAC certificate**

The device meets the fundamental health and safety requirements for the design and construction of devices and protective systems intended for use in potentially explosive atmospheres.

- Certification body: TOO/Ж ШС "Т-Стандарт"
- Certificate number: EAЭС KZ 7500525.01.01.01835

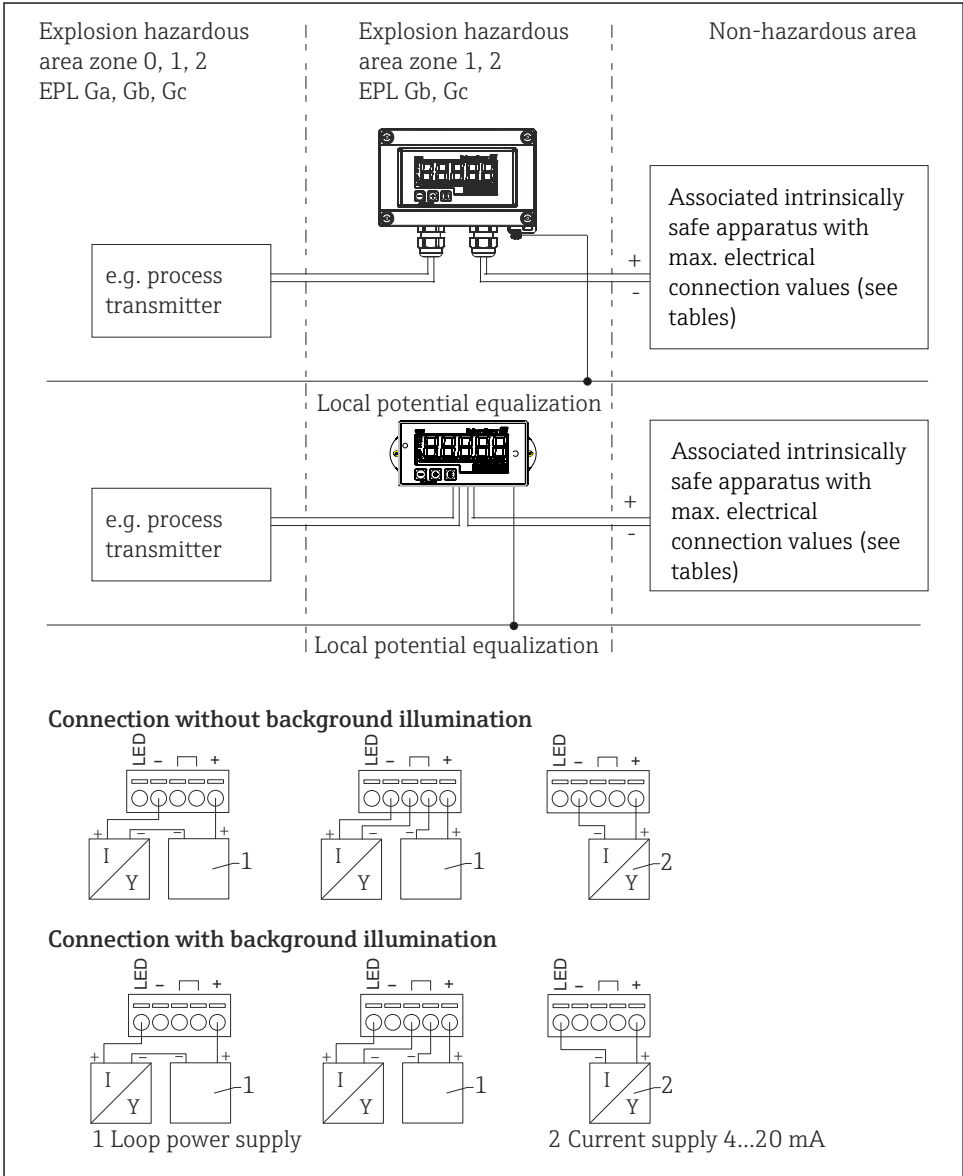
Affixing the certificate number certifies conformity with the following standards:

- GOST 31610.0-2019 (IEC 60079-0:2017)
- GOST 31610.11-2014 (IEC 60079-11:2011)

Manufacturer address

Endress+Hauser Wetzler GmbH + Co. KG
Obere Wank 1
87484 Nesselwang, Germany

Safety instructions:



A0050183

**Safety instructions:
Installation**

- Comply with the installation and safety instructions in the Operating Instructions.
- Install the device according to the manufacturer's instructions and any other valid standards and regulations (e.g. EN/IEC 60079-14).
- The indicator housing must be connected to the potential matching line.

**Safety instructions:
Specific conditions of use**

- The indicator must be installed so, that even in the event of rare incidents, an ignition source due to impact or friction between the enclosure and iron/steel is excluded.
- The type of protection for the process transmitter changes as follows when the devices are connected to certified intrinsically safe circuits of Category Ex ib: Ex ib IIC. When connecting an intrinsically safe Ex ib circuit, do not operate the process transmitter at Zone 0 / EPL Ga.
- The permitted category of the intrinsically safe circuit for the process transmitter depends on the type of protection of the respective associated apparatus used.

Temperature tables

Type	Temperature class	Ambient temperature
RIA15	T6	$-40\text{ °C} \leq T_a \leq +60\text{ °C}$

Electrical connection data

RIA15	Electrical connection data
Supply (terminals + and - or + and LED or + and auxiliary terminal (□))	$U_i \leq 30\text{ V}_{DC}$ $I_i \leq 200\text{ mA}$ $P_i \leq 900\text{ mW}$ $C_i = \text{negligible small}$ $L_i = 35.1\text{ }\mu\text{H}$



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