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Safety Instructions
RIA15

JPN: Ex ib IIC T6 Gb

Endress+Hauser
People for Process Automation

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

Japan certificate

Certificate number: CSAUK 19JPN001X

Affixing the certificate number certifies conformity with the following standards (depending on the device version)

- JNIOSH-TR-46-1:2015
- JNIOSH-TR-46-6:2015

IECEx certificate

Certificate number: IECEx PTB 12.0048X

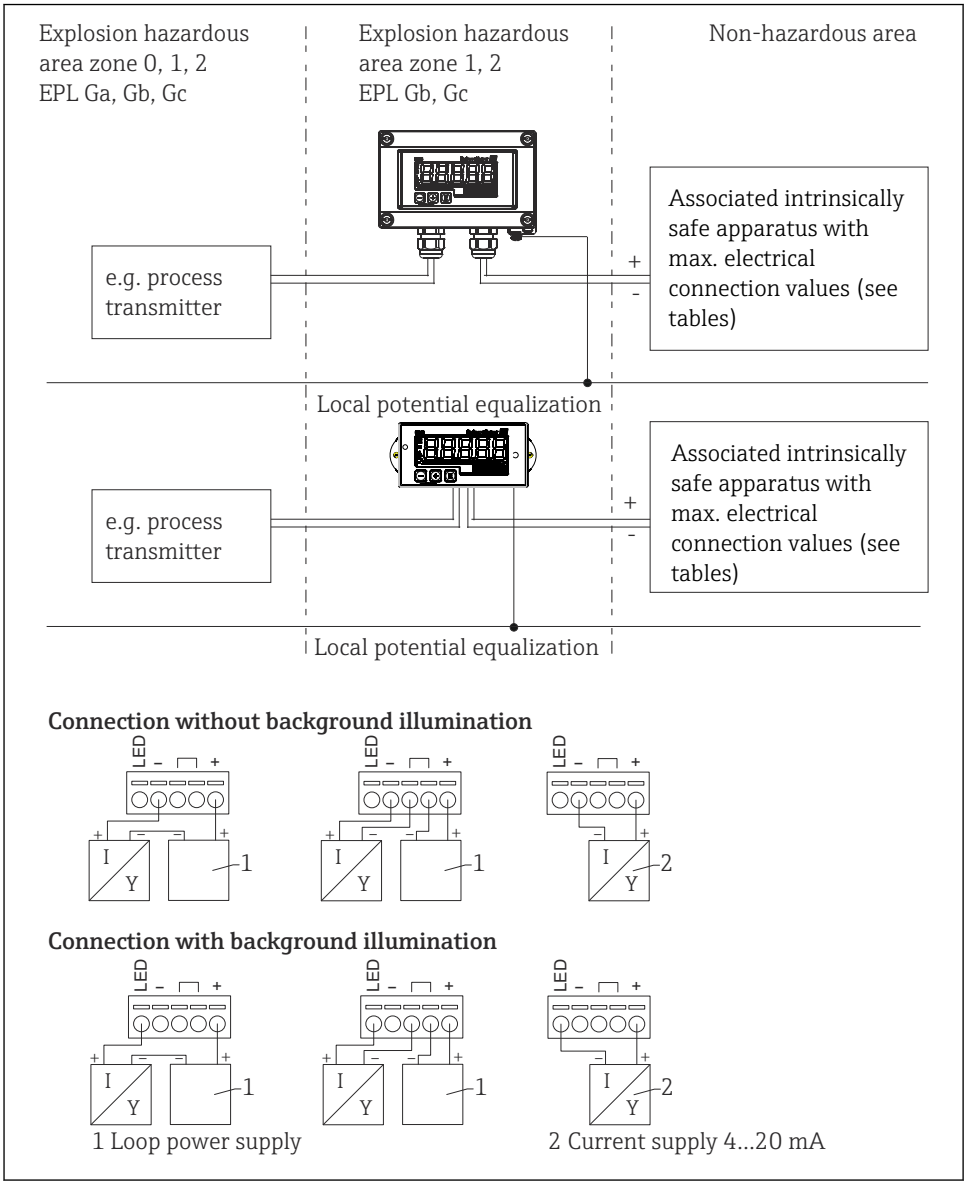
Affixing the certificate number certifies conformity with the following standards (depending on the device version)

- IEC 60079-0 : 2011
- IEC 60079-11 : 2011

Manufacturer address

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

Safety instructions



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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

- Supply of indicators should be carried out through the intrinsically safe barriers with a certificate of conformity.
- 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 °C ≤ Ta ≤ +60 °C (−40 °F ≤ Ta ≤ +140 °F)

Electrical connection data

RIA15	Electrical connection data
Supply (terminals + and - or + and LED or + and auxiliary terminal ⏊)	$U_i \leq 30\ V_{DC}$ $I_i \leq 200$ mA $P_i \leq 900$ mW C_i = negligible Li = 35.1 µH

Type of protection	Type
Ex ib IIC T6 Gb	RIA15

www.addresses.endress.com

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