

Safety Instructions

RIA15

IND-Ex: Ex ib IIC T6 Gb



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

All documentation is available on the Internet:

www.endress.com/Deviceviewer

(enter the serial number from the nameplate).

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:

- In the download area of the Endress+Hauser website:

www.endress.com -> Downloads -> Brochures and Catalogs ->

Text Search: CP00021Z

- On the CD for devices with CD-based documentation

Certificates and declarations

PESO Approval No.:

- P641740/1
- KLPL/Ex/15-122X Issue no. 02

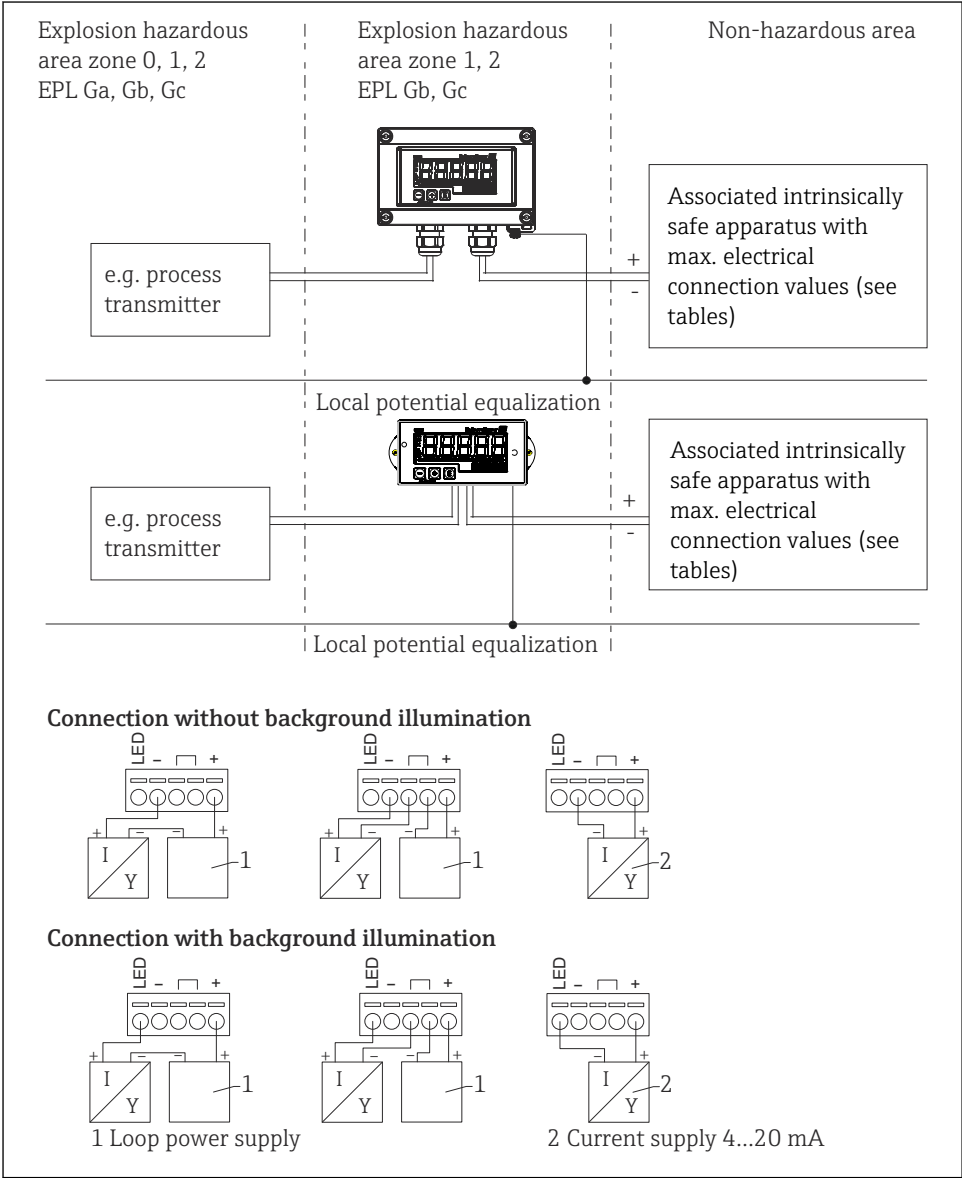
Affixing the approval number certifies conformity with the following standards (depending on the device version):

- IS/IEC 60079-0: 2017
- IS/IEC 60079-11: 2023

Manufacturer address

Endress+Hauser Wetzer (India)
Private Limited
M-192/2, MIDC Waluj
Chhatrapati Sambhajnagar 431136
India

Safety instructions:



**Safety instructions:
Installation**

- Comply with the installation and safety instructions in the Operating Instructions.
- Install the device according to the manufacturer's instructions and national regulations (e.g. IS 16724 : 2018).
- 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 °C ≤ Ta ≤ +60 °C

Electrical connection data

RIA15, ORIA15	Electrical connection data
Supply (terminals + and - or + and LED or + and auxiliary terminal )	U _I ≤ 30 V _{DC} I _I ≤ 200 mA P _I ≤ 900 mW C _I = negligible small L _I = 35.1 µH



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