

Safety Instructions

Memograph M RSG45

Advanced Data Manager

1Ex pxb IIC Gb U

Ex pxb IIIC Da U



Memograph M RSG45

Advanced Data Manager

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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. <RSG45

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**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 ИИC "Т-Стандарт"
- Certificate number: EAЭC KZ 7500525.01.01.01905

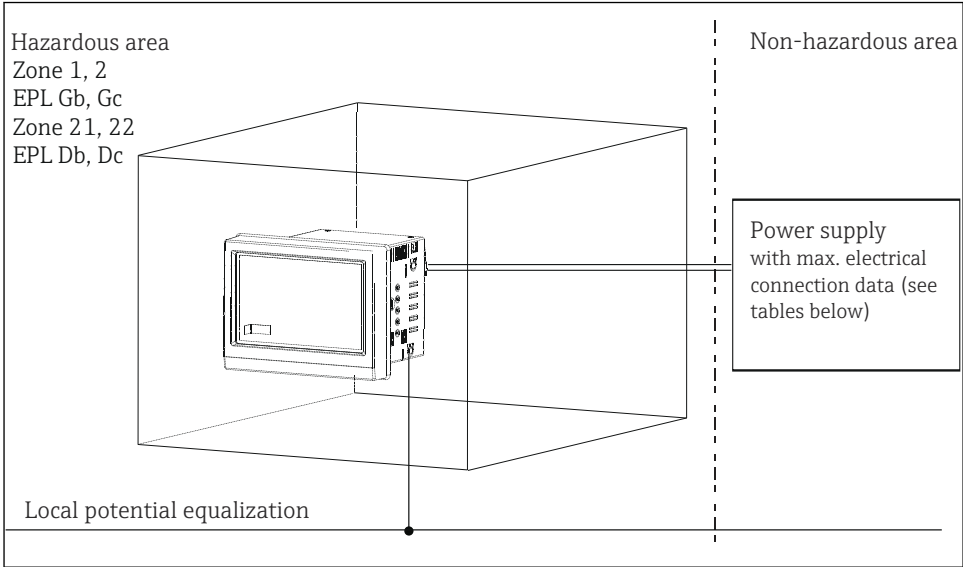
Affixing the certificate number certifies conformity with the following standards:

- GOST 31610.0-2019 (IEC 60079-0:2017)
- GOST IEC 60079-2-2013

Manufacturer address

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

Safety instructions:



A0050435

1 Installation of the Advanced Data Manager

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 housing of the Advanced Data Manager must be connected to the potential matching line.
- The Advanced Data Manager is suitable for installation in a certified cabinet with "px" or "pz" or "py" type of protection.
- The permitted operating temperature range (inside and outside) is -10 to +50°C.
- When mounting the front, ensure that IP65 protection as per EN/IEC 60529 is maintained.

Safety instructions: Specific conditions of use

- A separate conformity assessment procedure must be performed for the installation of this component.
- Under fault conditions, the temperature outside on the front of the Advanced Data Manager Memograph M, RSG45 reaches a maximum of +65°C.

Temperature
tables

Type	Ambient temperature range
RSG45	-10°C ≤ Ta ≤ +50°C

Electrical
connection data

Type	Electrical connection values	
RSG45	Power supply	100 to 230 V _{AC} (±10%) /
	supply voltage:	24 V _{AC/DC} (-10%; +15%)
	Frequency:	50 / 60 Hz
	Power consumption:	40 VA / 30 VA



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