

# Safety Instructions

## Memograph M, RSG45

Advanced Data Manager

ATEX: Ex pxb IIC Gb  
Ex pxb IIIC Db

Safety instructions for electrical apparatus  
in explosion-hazardous areas





# Memograph M, RSG45

Advanced Data Manager

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## About this document



This document has been translated into several languages. Legally determined is solely the English source text.

The document translated into EU languages is available:

- In the download area of the Endress+Hauser website:  
[www.endress.com](http://www.endress.com) -> Downloads -> Manuals and Datasheets -> Type: Ex Safety Instruction (XA) -> Text Search: ...
- In the Device Viewer: [www.endress.com](http://www.endress.com) -> Product tools -> Access device specific information -> Check device features



If not yet available, the document can be ordered.

## Associated documentation

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

- Operating instructions: BA01338R
- Brief operating instructions: KA01177R
- Technical information: TI01180R

## 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](http://www.endress.com) -> Downloads -> Brochures and Catalogs -> Text Search: CP00021Z
- On the CD for devices with CD-based documentation

**Manufacturer's certificates**

**ATEX certificate**

Certificate number: EPS 15 ATEX 1 810 U

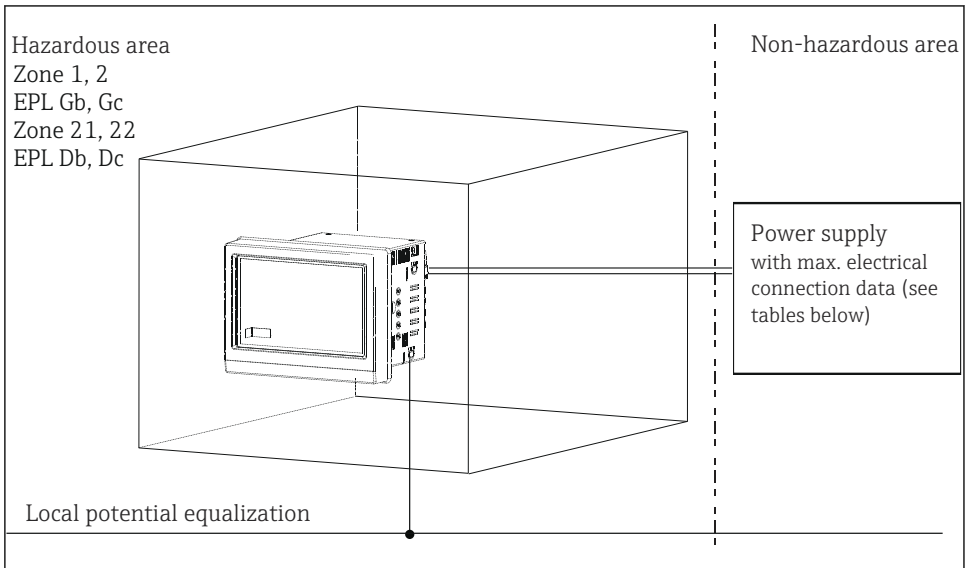
**EU Declaration of Conformity**

Declaration number: EC\_00066

**Manufacturer address**

Endress+Hauser Wetzler 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:  
Special conditions**

- 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 supply voltage:	100 to 230 V <sub>AC</sub> (±10%) / 24 V <sub>AC/DC</sub> (-10%; +15%)
	Frequency:	50 / 60 Hz
	Power consumption:	40 VA / 30 VA

Category	Type of protection (ATEX)	Type
II2G	Ex pxb IIC Gb	RSG45
II2D	Ex pxb IIIC Db	





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