

Safety Instructions

Advanced Data Manager, ORSG45

ATEX: Ex pxb IIC Gb
Ex pxb IIIC Db

Safety instructions for electrical apparatus
in explosion-hazardous areas



Advanced Data Manager, ORSG45

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About this document

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

Associated documentation

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

- Operating instructions: BA014340
- Brief operating instructions: KA011880

Manufacturer's certificates

ATEX certificate

Certificate number: EPS 15 ATEX 1 035 U

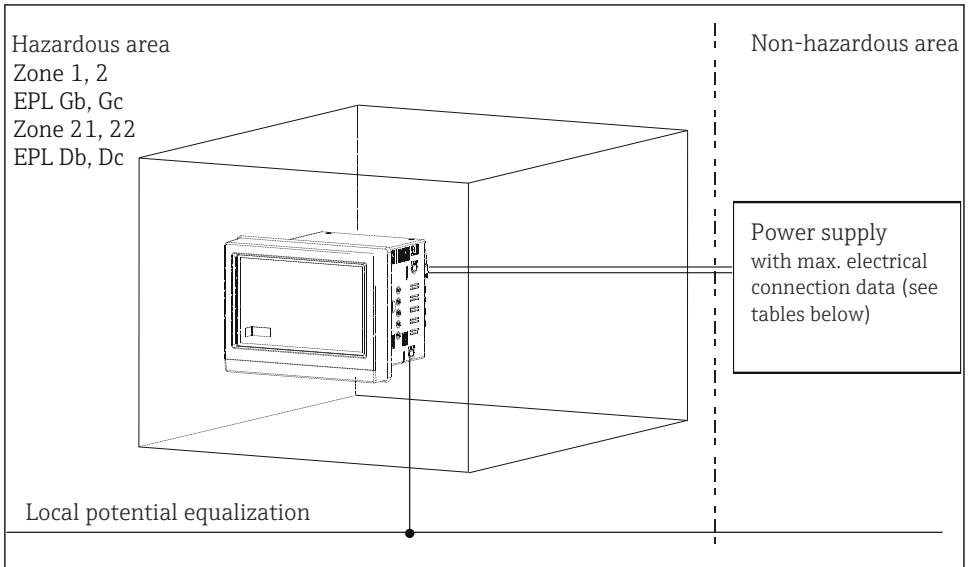
EU Declaration of Conformity

Declaration number: EC_00067


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
ORSG45	-10°C ≤ Ta ≤ +50°C

Electrical connection data

Type	Electrical connection values	
ORSG45	Power supply supply voltage:	100 to 230 V _{AC} (±10%) / 24 V _{AC/DC} (-10%; +15%)
	Frequency:	50 / 60 Hz
	Power consumption:	40 VA / 30 VA

Category	Type of protection (ATEX)	Type
II2G	Ex pxb IIC Gb	ORSG45
II2D	Ex pxb IIIC Db	



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