



Safety instructions: Installation

Install the unit to the manufacturer's instructions and in accordance with the valid norms and regulations for surge protectors.

Conductors/cables must be used with cable screening, metal clad or conduit.

All metal parts in the potentially explosive area have to be connected to the equipotential bonding system.

The connection between the enclosure of the terminal equipment and local mass must have a minimum crosssection of 4 mm².

All earth connections have to be secured.

When connecting the surge protector with a certified circuit of category "ib" into an IIC or IIB hazardous area the ignition class changes to: Ex ib IIC or Ex ib IIB.

Safety Instructions:

Zone 0

Safety instructions for the installation of surge protector only for protection of electrical apparatus into Zone 0 (EN/IEC 60079-14)

(Following hints apply only, if the circuit reaches into Zone 0 (Category 1)).

Earthing must be as close as possible to the temperature transmitter reaching into Zone 0, however not inside Zone 0.

The conductors between surge protection and Zone 0 must be constructed to avoid impacts of lightning.

Type	Electrical Data
TMT162 HART®	Supply (terminal + und -) $U_i \leq 30V DC$ $I_i \leq 300 mA$ $P_i \leq 1000 mW$ $C_i \leq 5 nF$ $L_i = 0$

	Approved Pfanzelt	Date (yyyy-mm-dd) 2017-03-08	10000008788	Dwg.rev. -	Revision no. -	Revision date (yyyy-mm-dd) -	Name -	Material 71393613	Endress+Hauser
Volume (mm³)	Designed Pfanzelt	Date (yyyy-mm-dd) 2017-03-07	Unit TMT162	Scale 1:1	Title Safety instructions Surge protector		Series		
Refer to protection notice ISO 16016	Edge of working parts ISO 13715	Geometrical tolerancing ISO 2768-mH-E	Part No.	Format A4	71329088 XA01572T/09/EN/01.16		Objekt version 1 of 1	Sheet 1 of 1	Endress + Hauser Wetzler GmbH+Co. KG Nesselwang / Germany