

Instructions

Edition: 01.2006

Installation-Kit ...

TÜV 06 ATEX 2982 X

I Range of application

The Installation-Kit ... serves the purpose of connecting intrinsically safe circuits in potentially explosive areas. No modifications whatsoever may be made to the Installation-Kit ...

All certified, intrinsically safe circuits Ex ia in Zone 0 and all certified, intrinsically safe circuits EX ia or Ex ib in Zone 1 may be connected.

The risk of electrostatic charges due to extremely flowing, non-conductive liquids must be prevented. The plastic parts are only allowed to be cleaned with a moist cloth.

II Description

A casing with two cable glands for each intrinsically safe circuit and connecting terminals is installed on a stainless steel wall bracket. An additional cable gland can be used to attach a cable with sensor.

Device versions:

Installation-Kit 1 for one intrinsically safe circuit

Installation-Kit 2 for two intrinsically safe circuits

III Installation regulations

During the installation of devices in a potentially explosive atmosphere, all local safety and accident prevention regulations must always be observed.

III.a Installation

The wall bracket is mounted and the cable of the intrinsically safe circuit is inserted into the cable gland. The stripped ends are inserted into the connecting terminals and screwed on.

When setting up the equipment, it is important to make sure that the distance between two intrinsically safe circuits amounts to at least 6 mm.

The cable entries, and in the case of the Installation-Kit 2 also the casing cover, must be sealed water-tight.

III.b Technical data

Temperature range: -25 °C ... +60 °C

Inductance (outward acting): negligibly small

Capacitance (outward acting): negligibly small

Connection data: All certified, intrinsically safe circuits Ex ia in Zone 0 and all certified, intrinsically safe circuits Ex ia or Ex ib in Zone 1 may be connected.

Equipment marking:

- EC-Certificate number: TÜV 06 ATEX 2982 X

- Ex marking:  II 1 G EEx ia IIC T6

- CE marking:  0044

IV Specific conditions of use

The risk of electrostatic charges must be prevented. The plastic parts are only allowed to be cleaned with a moist cloth.