

Subject to modifications without notice

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1

## ATEX 2G Instruction Manual electrical apparatus for hazardous areas Device category 2G for use in hazardous areas with gas, vapour and mist Directive conformity 94/9/EG Standard conformity EN 60079-0:2006, EN 60079-11:2007 Ignition protection "Intrinsic safety" Use is restricted to the following stated conditions CE symbol €0102 ⟨€x⟩ II 2G Ex ia IIC T6 Ex-identification PTB 00 ATEX 2048 X EC-Type Examination Certificate NJ 5-11-N... Appropriate type Effective internal capacitance C<sub>i</sub> $\leq$ 45 nF ; a cable length of 10 m is considered. Effective internal inductance L $\leq$ 50 $\mu H$ ; a cable length of 10 m is considered. The apparatus has to be operated according to the appropriate data in the data sheet and in this instruction manual. The EC-Type Examination Certificate has to General be observed. The special conditions must be adhered to! Directive 94/9/EG and hence also EC-Type Examination Certificates apply in general only to the use of electrical apparatus under atmospheric conditions The use in ambient temperatures of > 60 $^{\circ}$ C was tested with regard to hot surfaces by the mentioned certification authority. If the equipment is not used under atmospheric conditions, a reduction of the permissible minimum ignition energies may have to be taken into consideration. Highest permissible ambient temperature The temperature ranges, according to temperature class, are given in the EC-Type Examination Certificate Installation. Comissioning Laws and/or regulations and standards governing the use or intended usage goal must be observed. The intrinsic safety is only assured in connection with an appro-

Maintenance

## Special conditions

Protection from mechanical danger

priate related apparatus and according to the proof of intrinsic safety.

No changes can be made to apparatus, which are operated in hazardous areas. Repairs to these apparatus are not possible.

When used in the temperature range below -20 °C the sensor should be protected from knocks by the provision of an additional housing.

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