

(13)

SCHEDULE

(14)

EC TYPE EXAMINATION CERTIFICATE No ISSeP05ATEX057

(15)

Description of the equipment:

Thermatel level or flow sensor – models TD1 / TD2

This apparatus consists of:

- an aluminium alloy or stainless steel housing containing the electronic equipments
- a bushing of wires screwed on the base of the housing
- a detector fixed directly on the bushing or via an extension tube

This apparatus bears the type designation:

T D X – X X X X – X C X specific marking : II 1 / 2 G

Or

T D X – X X X X - X G X specific marking : II 2 G

Temperature classes

The temperature class is T5 when the apparatus is used in the ambient temperature range -20°C up to +40°C.

The temperature class is T4 when the apparatus is used in the ambient temperature range -40°C up to +70°C

Electrical characteristics

Voltages supply: 24 V DC or 120 / 240 V AC

Routine test

The manufacturer shall make the routine verifications and tests necessary to ensure that the electrical apparatus produced complies with the specification submitted to the testing station together with the prototype.

The housings are exempted from the overpressure routine test; however the extension tube with its detector shall be submitted to an overpressure test under the value of minimum 20 bar during at least 10 sec. (max 60 sec).

(16)

Report no 05131 of 30.09.2005 composed in total of 25 pages.

The letter from Magnetrol reference TH-D-19 dated 26.08.2005

The installation and operating manual Ref. Bulletin N°:BE 54-610.0 of September 2005

The drawings

99-7019 of 3.03.1999 Rev. H signed on 26.08.2005 (8 sheets)

99-7215 of 6.01.2004 Rev. B signed on 23.09.2005 (sheet 1 of 2)

99-7215 of 6.01.2004 Rev. B signed on 26.08.2005 (sheet 2 of 2)

99-7216 of 24.02.2004 signed on 26.08.2005

(17)

Special conditions for safe use: none

(18)

Essential Health and Safety Requirements: covered by the standards listed at point 9 and by the descriptive documents of the manufacturer

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