



(1) **Supplement No. 1 to
EC-Type Examination Certificate**

(2) **Equipment or Protective Systems Intended for use
in Potentially Explosive Atmospheres
Directive 94/9/EC**

(3) EC-Type Examination Certificate Number:

FTZÚ 10 ATEX 0074X

(4) Equipment or protective system: **Limit switch box type BE 48 series**

(5) Manufacturer: **Emme Technology S.r.l.**

(6) Address: **Via G. Di Vittorio 307/27, 20099 Sesto San Giovanni (MI), Italy**

(7) This supplement of certificate is valid for: - modification of certified apparatus

(8) Modification of certified apparatus (protective system) and any of its approved variants are specified in documentation, a list of which is mentioned in schedule of this certificate.

(9) This supplement to type examination certificate is valid only for type examination of design and construction of product sample in accordance with Annex 3 Paragraph 6) of Directive No. 94/9/EC. The Directive contains other requirements which the manufacturer shall fulfil before products are placed on market or introduce in service.

(10) Safety requirements of modified parts were fulfilled by satisfying the following standards:

EN 60079-0:2009; EN 60079-1:2007; EN 60079-31:2009


(11) Marking of equipment shall contain symbols:

 **II 2G Ex d IIC T6 Gb**

 **II 2D Ex t IIIC T....°C Db, IP67** – see (15) of this supplement

(12) This type examination certificate is valid till: **31.03.2017**

Responsible person:


Dipl.-Ing. Lukáš Martinák
Head of certification body



Date of issue: 23.03.2012

Number of pages: 2
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Physical Technical Testing Institute
Ostrava-Radvanice

(13)

Schedule

(14)

Supplement No. 1 to
EC-Type Examination Certificate N° FTZÚ 10 ATEX 0074X

(15) Description of Equipment or Protective System:

The modification of limit switch box consists in multiple equipment configurations according to number and type of switch or sensor and their max. current loading – see specification and Installation and operation manual 03.2012 rev.6.

Technical specification of limit switch box:

- 1) **BE - 48** : *Mechanical Switch (2 or 4 micro switches)*
Nominal Voltage Un: max 250V AC
Nominal Current In: max 11A
Max. surface temperature: T 75°C

- 2) **BS - 48** : *Proximity Switch*
Nominal Voltage Un: 5V – 36V DC
Nominal Current In:: max 0.2A
Max. surface temperature: T 61°C

- 3) **BM - 48** : *Magnetic Switch*
Nominal Voltage Un: max 220V AC - 300V DC
Nominal Current In: max 3A
Max. surface temperature: T 61°C

Mentioned changes have no influence on design and temperature class T6 of the equipment.

(16) Report No. : 10/0074-d1

dated 22.03.2012

(17) Special conditions for safe use:

- Apply to clause (17) of the certificate No. FTZÚ 10 ATEX 0074X.

(18) Essential Health and Safety Requirements:

- Covered by standards mentioned in (10) of this certificate and Installation and operation manual dated 03.2012, rev.6.

(19) LIST OF DOCUMENTATION

Installation and operation manual 03.2012 rev.6.

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