



**Translation**

**1<sup>st</sup> Supplement**

(Supplement in accordance with Directive 94/9/EC Annex III number 6)

**to the Type Examination Certificate  
DMT 02 E 012**

**Equipment:** Load cell type TBrick 15 or TBrick 32  
**Manufacturer:** Mettler-Toledo (Albstadt) GmbH  
**Address:** 72423 Albstadt

Description

The Load cell type TBrick 15 or TBrick 32 can either be used with the operating terminal type ID7xx or with an other operating terminal of Mettler-Toledo according to the interface specifications given below.

Parameters

Electrical data

nominal values supply (connector ST1 pins 5-6 or connector ST9 pins 5-6)  
input voltage DC 12 V  
rated current 125 mA  
inrush current < 1 A

interface circuit CL (connector ST9 pins 7-10)  
rated current 20 mA

interface circuit RS422 (connector ST1 pins 1-4)  
voltage DC 5 V

Sicherheitstechnische Kenngrößen – safety relevant data  
Versorgung (Stecker ST1 Anschl. 5 – 6 oder Stecker ST9 Anschl. 5 – 6)  
supply (connector ST1 pins 5-6 or connector ST9 pins 5-6)  
Spannung - voltage max. DC 20 V

interface circuit CL (connector ST9 pins 7-10)  
voltage max. DC 27 V  
current max. 30 mA

interface circuit RS422 (connector ST1 pins 1-4)  
voltage max. DC 10 V

Thermal data

permitted ambient temperature - 10 °C...+ 40 °C  
maximum surface temperature 70 °C


Degrees of protection according to EN 60529 IP 67



The Essential Health and Safety Requirements of the modified equipment are assured by compliance with:

EN 60079-15:2003      Type of protection 'n'  
EN 50281-1-1:1998 + A1      Electrical apparatus for use in the presence of combustible dust  
part 1-1: Electrical apparatus protected by enclosures - Construction and testing

The marking of the equipment shall include the following:

 **II 3G EEx nA IIC T6 or  
II 3D IP 67 T 70 °C**

Special conditions for safe use

none

Test and assessment report

BVS PP 02.2016 EG as of 15.08.2005

**EXAM BBG Prüf- und Zertifizier GmbH**

Bochum, dated 15. August 2005

Signed: Dr. Eickhoff

Signed: Dr. Wittler

\_\_\_\_\_  
Certification body

\_\_\_\_\_  
Special services unit

\_\_\_\_\_  
We confirm the correctness of the translation from the German original.  
In the case of arbitration only the German wording shall be valid and binding.

44809 Bochum, 15.08.2005

BVS-Hk/Mi A 20050252

**EXAM BBG Prüf- und Zertifizier GmbH**

  
\_\_\_\_\_  
Certification body

  
\_\_\_\_\_  
Special services unit