



[1] **EU – TYPE EXAMINATION CERTIFICATE**

Equipment or Protective System Intended for use in Potentially Explosive Atmospheres  
Directive 2014/34/EU.

[3] EU-Type Examination Certificate Number: **FIDI 19 ATEX 0014X** Issue: **1**

[4] Product: **Multi-core bushing with terminal compartment**

Type: **ADP../.**

[5] Manufacturer: **TEPEX Ltd.**

[6] Product: **Medarska 69, 10090 Zagreb, Croatia**

[7] This product and any acceptable variation thereto is specified in the schedule to this certificate and documents therein referred to.

[8] FIDITAS Ltd., Notified Body number 2829 in accordance with Article 17 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014, certifies that this product has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products intended for use in potentially explosive atmospheres given in Annex II of the Directive.

The examination and test results are recorded in confidential Report No: **FIDI 19 CR 014**

[9] Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

**EN IEC 60079-0:2018**

**EN 60079-1:2014**

**EN IEC 60079-7:2015 / A1:2018**

**EN 60079-31:2014**

except in respect of those requirements listed at item 18 of the Schedule.

[10] The sign 'U' is placed after the certificate number. It indicates that this certificate must not be mistaken for a certificate intended for an equipment or protective system. This partial certification may be used as a basis for certification of an equipment or protective system.

[11] This EU-Type Examination Certificate relates only to the design, examination and test of the specified product in accordance with Annex III. Further requirements of the Directive apply to the manufacturing process and supply of this products. These are not covered by this certificate.

[12] The marking of the product shall include the following:



**II 2G Ex db eb IIC T6 Gb**

**II 2D Ex tb IIIC T85°C Db**

19.CRT.032

Date: 01.10.2019.



**FIDITAS Ltd.**  
Certification department

Approved:

  
Marino Kelava, M.E.Eng.

[13] **SCHEDULE**

[14] **EU - TYPE EXAMINATION CERTIFICATE No.:** **FIDI 19 ATEX 0014X**

[15] **Description of product**

Multi-core bushing with terminal compartment type ADP is used as a connection accessory for equipment designed in type of protection flameproof enclosure „d“ or protection by enclosure „t“. It is intended for mounting in the threaded cable entry.

It consists of multi-core bushing with external thread M20 or ½"NPT and built-in connection terminals designed in type of protection increased safety "e". Terminal compartments is closed with enclosure. Cable gland ISO 25, type: SPU 25, is built-in on the enclosure and together with enclosure makes an inseparable unit.

**Technical data:**

Rated voltage:	400 V
Rated current:	10 A (Ta = -20°C to +60 °C)
Ambient temperature:	16 A (Ta = -20°C to +50 °C)
Service temperature:	-20 °C to +80 °C
Mechanical protection:	IP 66

[16] **Confidential Report No.** FIDI 19 CR 014

[16.1] **Routine testing**

The manufacturer shall carry out routine tests of dielectric strength according to clause 6.1 of the standard EN IEC 60079-7.

[17] **Specific Conditions of Use**

- The multi-core bushing with terminal compartment was tested with lower impact energy according to EN IEC 60079-0 shall be installed in areas with a lower risk of impact.
- Cable gland of multi-core bushing with terminal compartment was tested with lower tensile force according to A.3.1.1. of standard EN IEC 60079-0 and is intended for entry of non-armoured permanently laid cables, therefore the user shall provide additional clamping of the cable outside the cable gland.
- Multi-core bushing with terminal compartment is allowed to be used as a connection accessori for equipment with temperature at the cable entry point not bigger than 80°C.

[18] **Essential Health and Safety Requirements**

Covered by the conformity with harmonized standards listed under item 9.



**[19] Drawings and Documents**

Title:	Drawing No.:	Rev. level:	Date:
Technical description of multi-core bushing with terminal compartment, type ADP	-	-	26.09.2019.
Certification drawing – ADAPTER ADP../1	T 72.01.01.00-1	-	26.09.2019.
Certification drawing – ADAPTER ADP../2	T 72.01.01.00-2	-	26.09.2019.
Description of certification drawing T72.01.01.00 of multi-core bushing with terminal compartment, type ADP	-	-	26.09.2019.
Instruction for use of multi-core bushing with terminal compartment, type ADP	TEPEX.RS.033	03	26.09.2019.