

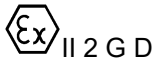


EU Type Examination Certificate CML 13ATEX3010U Issue 4

- 1 Equipment intended for use in Potentially Explosive Atmospheres Directive 2014/34/EU
- 2 Component **Control and Signalling device Adapters**
- 3 Manufacturer **Bartec GmbH**
- 4 Address **Max-Eyth-Straße 16,
97980 Bad Mergentheim,
Germany**
- 5 The component is specified in the description of this certificate and the documents to which it refers.
- 6 CML B.V. , Chamber of Commerce No 6738671, Hoogoorddreef 15, Amsterdam, 1101 BA, The Netherlands, Notified Body Number 2776, 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 component has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment intended for use in potentially explosive atmospheres given in Annex II to the Directive.

The examination and test results are recorded in the confidential reports listed in Section 12.
- 7 The 'U' suffix after the certificate number indicates that the component is subject to conditions of safe use (affecting correct installation or safe use). These are specified in Section 14.
- 8 This EU Type Examination certificate relates only to the design and construction of the specified equipment or component. Further requirements of Directive 2014/34/EU Article 13 apply to the manufacture of the equipment or component and are separately certified.
- 9 Compliance with the Essential Health and Safety Requirements, with the exception of those listed in the confidential report, has been demonstrated through compliance with the following documents:

EN 60079-0:2012+A11:2013 EN 60079-7:2015 EN 60079-31:2014
- 10 The component shall be marked with the following:



II 2 G D

Ex eb IIC Gb

Ex tb IIIC Db



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11 Description

The Type 05-0003-00**/**** control and signalling device adaptors are a range of thermoplastic actuating elements. The control and signalling device adaptors are intended for installation in increased safety and dust protected electrical equipment enclosure walls and lids.

Installation information:

- Service temperature: -55°C to +70°C
- Equipment type: Group II and III, High impact
- Enclosure wall thickness: 1 mm to 6 mm
- Fixing nut thread: M30 x 1,5
- Enclosure through holes: 30.3^{+0.3}mm

Series type reference:

05	-	0	0	0	3	-	0	0	*	*	/	*	*	*	*
A		B	C	D	E		F	G	H	I		J	K	L	M
A, B, C, D, E, F and G								Series type reference (Type 05-0003-00**/****)							
H and I								Device type, see list below							
J, K, L and M								Numbers or letters for characteristics without influence on the explosion protection							

Product description	Type reference	Product description	Type reference
Pushbutton	05-0003-0007/****	Position selector	05-0003-0064/****
Emergency button	05-0003-0008/****	Illuminated button	05-0003-0065/****
Position selector switch	05-0003-0009/****	Illuminated button	05-0003-0066/****
Position selector switch	05-0003-0010/****	Illuminated button	05-0003-0067/****
Position selector switch	05-0003-0011/****	Illuminated button	05-0003-0068/****
Lock	05-0003-0012/****	Illuminated button	05-0003-0069/****
Lamp module operator	05-0003-0013/****	Position selector	05-0003-0070/****
Lamp module operator	05-0003-0014/****	Position selector	05-0003-0071/****
Lamp module operator	05-0003-0015/****	Position selector	05-0003-0072/****
Lamp module operator	05-0003-0016/****	Position selector	05-0003-0073/****
Lamp module operator	05-0003-0017/****	Double push button actuator	05-0003-0074/****
Mushroom pushbutton	05-0003-0018/****	Double pushbutton actuator	05-0003-0075/****
Blanking plug	05-0003-0019/****	Potentiometer	05-0003-0076/****
Position selector	05-0003-0020/****	Key switch	05-0003-0077/****



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Product description	Type reference	Product description	Type reference
Position selector	05-0003-0021/****	Key switch	05-0003-0078/****
Lock	05-0003-0061/****	Key switch	05-0003-0079/****
Position selector	05-0003-0062/****	Key switch	05-0003-0080/****
Position selector	05-0003-0063/****	Mushroom pushbutton, Large	05-0003-0082/****

12 Certificate history and evaluation reports

Issue	Date	Associated report	Notes
1	20 Dec 2013	R58A/00	Issue of prime certificate
2	13 Jan 2014	R58A/01	Modifications to description
3	25 May 2017	R1924A/00	Update the certificate reference to the 2014/34/EU Directive. To permit the use of an alternative material in the construction of the control and signalling device adaptors. Updated the standards listed at Section 9.
4	12 Dec 2018	R12059A/00	Transfer from CML UK to CML BV Certificate and new drawing issued.

Note: Drawings that describe the equipment or component are listed in the Annex.

13 Conditions of manufacture

The following conditions are required of the manufacturing process for compliance with the certification.

- i. Where the product incorporates certified parts or safety critical components the manufacturer shall ensure that any changes to those parts or components do not affect the compliance of the certified product that is the subject of this certificate.

14 Schedule of Limitations

The following conditions relate to safe installation and/or use of the equipment.

- i. When the components are installed in the electrical equipment, care must be taken that the temperatures at the mounting place are within the following temperature range:
-55°C to +70°C

Certificate Annex

Certificate Number CML 13ATEX3010U
Equipment Control and Signalling Device Adaptors
Manufacturer Bartec GmbH



The following documents describe the equipment or component defined in this certificate:

Issue 1

Drawing No	Sheets	Rev	Approved date	Title
05-0003-6503	1 of 2	A	20 Dec 2013	Control and signalling device adaptors type 05-0003-00**
05-0003-6503	2 of 2	A	20 Dec 2013	Control and signalling device adaptors type 05-0003-00**
05-0003-6503 St	1 to 5	L	20 Dec 2013	Control and signalling device adaptors type 05-0003-00** - Approved bill of materials
05-0003-6513	1 of 1	C	20 Dec 2013	Control and signalling device adaptors Key switch type 05-0003-0077 to -0080
05-0003-650002	1 of 1	A	20 Dec 2013	Control and signalling device adaptors type 05-0003-0082/****
05-0003-6506	1 of 1	A	20 Dec 2013	Control and signalling device adaptors type 05-0003-0061 to -0064
05-0003-6507	1 of 1	-	20 Dec 2013	Control and signalling device adaptors type 05-0003-0065 to -0069
05-0003-6514	1 of 1	-	20 Dec 2013	Control and signalling device adaptors fixing nut
05-0003-6512	1 of 1	-	20 Dec 2013	Control and signalling device adaptors type 05-0003-0076
05-0003-6511	1 of 1	-	20 Dec 2013	Control and signalling device adaptors type 05-0003-0070 to -0073
05-0003-6510	1 of 1	-	20 Dec 2013	Control and signalling device adaptors type 05-0003-0009 to -0011
05-0003-6509	1 of 1	-	20 Dec 2013	Control and signalling device adaptors type 05-0003-0074 to -0075
05-0003-6515	1 of 1	B	20 Dec 2013	Control and signalling device adaptors Marking

Issue 2

No drawings issued.

Issue 3

Drawing No	Sheets	Rev	Approved date	Title
05-0003-6503 St	1 to 5	M	25 May 2017	Control and signalling device adaptors type 05-0003-00** - Approved bill of materials

Certificate Annex

Certificate Number CML 13ATEX3010U
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Manufacturer Bartec GmbH



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Drawing No	Sheets	Rev	Approved date	Title
05-0003-6515	1 of 1	C	12 Dec 2018	Control and signalling device adapter Typ/type 05-0003-00../.... Kennzeichnung/Marking