



EU Type Examination Certificate CML 19ATEX3298U Issue 0

- 1 Equipment intended for use in Potentially Explosive Atmospheres Directive 2014/34/EU
- 2 Component **Operation Head**
- 3 Manufacturer **Delvalle Global Solutions, S.L.U.**
- 4 Address **Paso El Prao, 6. 01320,
Oyón, Alava, Spain**
- 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 IEC 60079-0:2018 EN IEC 60079-7:2015+A1:2018 EN 60079-31:2014
- 10 The equipment shall be marked with the following:



II 2GD

Ex eb IIC Gb

Ex tb IIIC Db

IP66

Ts= -55°C to +65°C



CML 19ATEX3298U
Issue 0

11 Description

The Operation Heads are components that have levels of protection increased safety “eb” and dust ignition protection “tb”. The components which are mainly manufactured from various types of plastic materials, are designed to be fitted through enclosure walls to operate suitably certified devices, such as switches or potentiometers.

Degrees of protection (IP Code)

IP66

Service temperature range

-55°C to +65°C

12 Certificate history and evaluation reports

Issue	Date	Associated report	Notes
0	30 Aug 2019	R12464B/00	Issue of Prime Certificate

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.



CML 19ATEX3298U
Issue 0

14 Schedule of Limitations

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

- i. Each unit shall be installed through the enclosure wall of a suitably certified enclosure with a minimum of IP66 (Ingress Protection) and installed in accordance with the manufacturer's instructions to ensure that IP66 is maintained.
- ii. If a clearance hole is used for the mounting of the operation head, it shall have a diameter no greater than 0.7 mm more than the largest normal thread size of the operation head being used.
- iii. The Calotte (glass window) safety latches presents a potential electrostatic hazard and as such shall be fitted to fixed installations only. They shall only be cleaned with a damp cloth.
- iv. The non-light transmitting units shall only be installed in low impact risk areas.
- v. If the safety latches installed in the enclosures and the resistance between them and earth is more than $10^9 \Omega$, the capacitance of their accessible metal parts shall be tested according to 26.14 of EN 60079-0. The capacitance should not exceed 3 pF when safety latches installed in zone 1 and zone 21 and should not exceed 10 pF when safety latches installed in zone 2 and zone 22. If the capacitance exceeds above value, they shall only be cleaned with a damp cloth and site away from any static charging methods.

Certificate Annex

Certificate Number CML 19ATEX3298U
Equipment Operation Head
Manufacturer Delvalle Global Solutions, S.L.U.



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

Issue 0

Drawing No	Sheets	Rev	Approved date	Title
001	1 of 1	-	30 Aug 2019	Operation Head