

EU TYPE-EXAMINATION CERTIFICATE

1. EU type-examination Certificate (Module B)
2. Component intended for use with Equipment or Protective System in potentially explosive atmospheres (Directive 2014/34/EU)



3. EU type examination certificate Nr **ITS14ATEX37958U**

4. **Component:** LTPYY-XXX-EXE range of liquid tight conduit fittings

5. **Manufacturer:** Flexicon Limited **Applicant:** Flexicon Limited

6. **Address:** Roman Way, Coleshill, Birmingham B46 1HG **Address:** Roman Way, Coleshill, Birmingham B46 1HG - UNITED KINGDOM

7. This component and any acceptable variation thereto are specified in the schedule to this certificate and therein referred to.
8. INTERTEK ITALIA S.p.A., Notified Body n° 2575 in accordance with article 17 of the Directive 2014/34/EU of the European Parliament and Council of the 26 February 2014, certifies that the component has been found to comply with the essential Health and Safety Requirements relating to the design and construction of components intended for use in potentially explosive atmosphere, given in Annex II of the Directive.

The examination and tests results are recorded in confidential technical evaluation Intertek Testing & Certification Report Nr. G101293331 dated March 2014 G103374655 Issue 1 dated July 2018

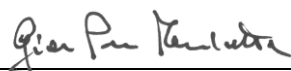
9. Compliance with the Essential Health and Safety Requirements has been assured by compliance with EN 60079-0:2012 +A11:2013, EN 60079-7:2015 and EN 60079-31:2014 except in respect of those requirements referred to at item 18 of the Schedule.
10. If the sign U placed after the certificate number indicates that this certificate must not be mistaken relative to an equipment or protective system.
11. This EU-Type Examination Certificate relates only to the design and construction of the specified component. Further requirements of the Directive apply to the manufacturing process and supply of this component. These are not covered by this certificate.
12. The marking of the component shall include the following:



II 2 G Ex eb IIC Gb
II 2 D Ex tb IIIC Db IP66

Certificate issue date

25 March 2019



Gian Paolo Tondetta

Certification Manager ATEX
Intertek Italia S.p.A. (NB 2575)



PDR N° 277B

Membro degli Accordi di Mutuo Riconoscimento EA, IAF e ILAC

Signatory of EA, IAF and ILAC Mutual Recognition Agreements

This certificate is the transfer of the certificate issued by Intertek Testing & Certification Ltd. (NB 0359) having the same number.



This Certificate is for the exclusive use of Intertek's client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Certificate. Only the Client is authorized to permit copying or distribution of this Certificate and then only in its entirety. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek.

Intertek Italia S.p.A. Via Miglioli, 2/A - 20063 Cernusco sul Naviglio, Milano - Italy



13. SCHEDULE

14. EU TYPE EXAMINATION CERTIFICATE NUMBER: **ITS14ATEX37958U**

15. DESCRIPTION OF COMPONENT

The Flexicon LTPYY-XXX-EXE ranges of liquid tight conduit fittings are used for termination of conduits at the junction or electrical box. They are made of Electro Nickel plated brass or Stainless steel. They incorporate clamping plastic seals and elastomeric sealing washers which are used as protection against ingress of water or dust.

They provide a degree of protection of at least IP66.

The fitting comprises a back nut which is passed over a conduit, the clamping sealing ring which is placed over the conduit, the insert that fits into internal corrugated section of a conduit and the threaded body that is fitted to the back nut. The conduit which is not part of this certification is located in the body of the fitting such that the seal is displaced up on the tightening of the back nut onto the body of the fitting such that the seal is displaced up on the tightening of the back nut onto the body and forms a seal with the fitting and acts as retention for the conduit. They may be fitted with M16 to M63 metric, ½" to 2" NPT or PG11 to PG48 male entry thread forms. The sealing washer is fitted to the body and acts as a seal between the conduit fittings and the external devices like junction box.

The YY-XXX is used to identify the thread form size, type and conduit size for the fitting.

Metric			
Conduit sizes	Straight	45°	90°
16	LTP16-M16-EXE	LTP16-M16-EXE-45	LTP16-M16-EXE-90
16	LTP16-M20-EXE	LTP16-M20-EXE-45	LTP16-M20-EXE-90
20	LTP20-M20-EXE	LTP20-M20-EXE-45	LTP20-M20-EXE-90
25	LTP25-M25-EXE	LTP25-M25-EXE-45	LTP25-M25-EXE-90
32	LTP32-M32-EXE	LTP32-M32-EXE-45	LTP32-M32-EXE-90
40	LTP40-M40-EXE	LTP40-M40-EXE-45	LTP40-M40-EXE-90
50	LTP50-M50-EXE	LTP50-M50-EXE-45	LTP50-M50-EXE-90
60	LTP63-M63-EXE	LTP63-M63-EXE-45	LTP63-M63-EXE-90

NPT	
Conduit sizes	Straight
16	LTP16-050-EXE ½"
20	LTP20-050-EXE ½"
25	LTP25-075-EXE ¾"
32	LTP32-100-EXE 1"
40	LTP40-125-EXE 1 ¼"
50	LTP50-150-EXE 1 ½"
60	LTP63-200-EXE 2"



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PG	
Conduit sizes	Straight
16	LTP16-PG11-EXE
16	LTP16-PG13-EXE
20	LTP20-PG16-EXE
25	LTP25-PG21-EXE
32	LTP32-PG29-EXE
40	LTP40-PG36-EXE
50	LTP50-PG42-EXE
60	LTP63-PG48-EXE

16. DRAWINGS AND DOCUMENTS

TITLE	DOCUMENT Nr	LEVEL	DATE
Certification drawing EXE conduit fittings	Flexicon-EXE	2	12/04/2018
Certification drawing for RSW range of RSW sealing washers	Flexicon EXE sealing washer	-	-
EXE Sealing Washer	Flexicon-SW	1	-
Installation Instructions	QC-46	5	-
LTP-EXE range of liquid tight fittings critical dimensions and materials (15 sheets)	QC31	1	24/02/2014
LTP20-B/90	1266	3	17/02/2004
LTP20-I	1030	2	22/08/2006
LTP20-SEAL	1129	1	10/08/2001
LTP20-N-EXE	2077	1	14/02/2014
C-RSW20-BU	1956	1	25/07/2012

Copies of the above listed documents are kept at Intertek Italia S.p.A. archive.

17. LIMIT CONDITIONS FOR USE

These Fittings shall be used within an ambient temperature range of -20°C to + 85°C.

Part of the joints cannot be defined or tested and is the end user/ExCB responsibility when it is incorporated into an equipment.

18. ESSENTIAL HEALTH AND SAFETY REQUIREMENTS

The relevant essential Health and Safety Requirements have been identified and assessed in Intertek Report Testing & Certification Report Nr. G101293331 dated March 2014 G103374655 Issue 1 dated July 2018.



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19. ROUTINE (FACTORY) TESTS

None.

20. DETAIL OF CERTIFICATE CHANGES

None.