





CML 17ATEX1296X  
Issue 0

## 11 Description

The LXT207\* Magnetic Level Switches comprise a cylindrical stainless steel flameproof enclosure with an M64 threaded cover, which is additionally secured by a hexagon socket set screw. At the opposite end to the threaded cover there is a stainless steel float arrangement, fitted to a spindle on a mounting bracket. There is a single 1/2" NPT threaded cable entry on one side of the enclosure, with an adjacent external earth facility. The cable entry is intended to be fitted with a suitable certified cable gland. One part of the external enclosure has an NPT thread for mounting purposes.

Inside the enclosure is a switch with terminals. The switch uses magnetism to open or close, depending on the position of the float outside the enclosure.

The options for the maximum electrical ratings are as follows:

3 A / 250 Vac

## 12 Certificate history and evaluation reports

Issue	Date	Associated report	Notes
0	22/01/2018	R2015A/00	Report for the prime certificate issue.

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

## 13 Conditions of Manufacture

There are no Conditions of Manufacture.

## 14 Special Conditions for Safe Use (Conditions of Certification)

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

14.1 The flamepath dimensions shall not be adjusted or repaired.

## Certificate Annex



**Certificate Number** CML 17ATEX1296X  
**Equipment** LXT207 Horizontal Magnetic Level Switches  
**Manufacturer** Golden Mountain Enterprise Co., Ltd.

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

### Issue 0

Drawing No	Sheets	Rev	Approved date	Title
ExH-0	1 of 1	1	22 Jan 2018	Horizontal Magnetic Level Switch
ExH-1	1 of 1	1	22 Jan 2018	Horizontal Magnetic Level Switch
ExH-2	1 of 1	1	22 Jan 2018	Enclosure body
ExH-3	1 of 1	1	22 Jan 2018	Enclosure cover
ExH-4	1 of 1	1	22 Jan 2018	O ring
ExH-5	1 of 1	1	22 Jan 2018	Float
ExH-6	1 of 1	1	22 Jan 2018	Hexagonal pillars
ExH-7	1 of 1	1	22 Jan 2018	Hinge pin
ExH-8	1 of 1	1	22 Jan 2018	Spaced ring
ExH-9	1 of 1	1	22 Jan 2018	Nameplate