





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                        |