

Centre for Research and Testing  
CERTIFICATION CENTRE  
OF ELECTRONIC PRODUCTS  
TESTING CENTRE  
Vilnius, Lithuania  
2018-01-26

Approved  
2018-01-26

APPROVED  
Testing Centre  
2018-01-26

## TEST REPORT

AFD.01.2758 -18

Device **TMT250**, manufactured  
of UAB "Teltonika", Vilnius, IP67 code verification

Tested: 2018-01-26 10:34:00

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Private Limited Company  
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ISO/IEC 17025 Nr. LA. 01.003

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APPROVED

The chief of the EGSC Testing Centre



A. Petrov

2018-04-03

TEST REPORT

AFD.01.2758 -18 6 pages

Device **TMT250**, manufactured  
of UAB "Teltonika", Vilnius, IP67 code verification

Tested: 2018-03-30 + 2018-04-03

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This Test Report is based on:  
LST EN 60529:1999+A1+AC:2002  
(EN 60529:1991+AC:1993+A1:2000)

**EGSC Testing Centre**

Type of appliance	- device
Type/model, ref., number	- <b>TMT250</b> , 1 units, No. 028/BC (EGSC)
Manufacturer	- UAB "Teltonika", Liepkalnio str. 132A, LT-02121 Vilnius, Lithuania
Customer	- UAB "Teltonika", Liepkalnio str. 132A, LT-02121 Vilnius, Lithuania
Trade mark	- ---
Order for test	- DAP No. 06 dated 2018-03-19
Contract	- ---
Application	- No. 12:46 dated 2018-03-06
Received	- 2018-03-30

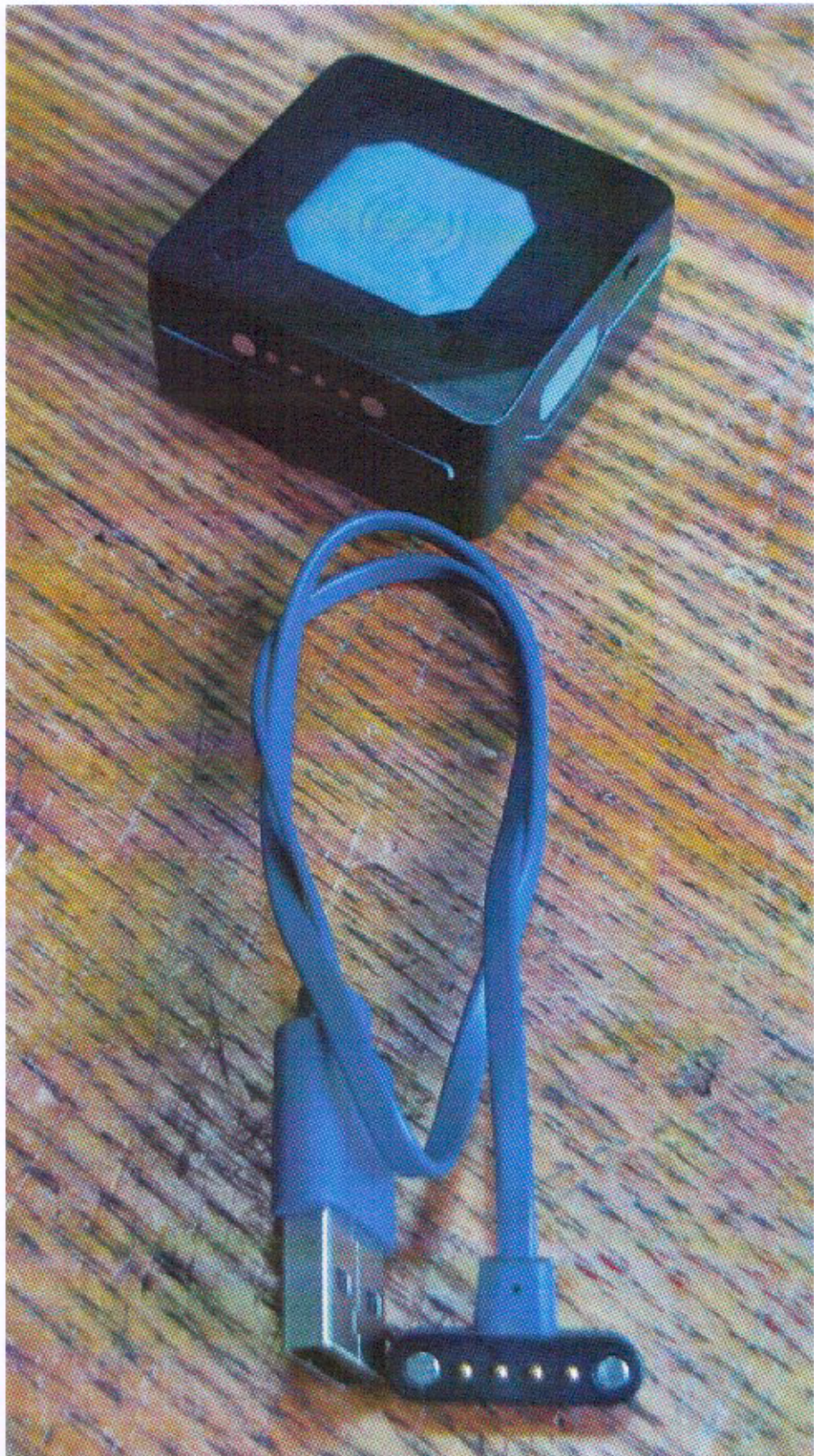


Figure 1. Device TMT250

Possible test case verdicts (placed in the column "Verdict")

P – pass

F – fail

N – not applicable

n – not tested

The tests are carried out with accordance the program of order for test No. 06 dated 2018-03-19

The test results concern only to the testing objects

Subclause	Required	Verdict
1	2	3

## LST EN 60529

12	<b>Tests for protection against access of to hazardous parts indicated by the first characteristic numeral</b>	
12.2	Test conditions  The access probe is pushed through any openings of the enclosure with the force specified in Table VI	P Test wire 1,0 mm diameter, 100 mm long 1 N ± 10 % (first numeral 6)
12.3	Acceptance conditions  The protection is satisfactory if adequate clearance is kept between the access probe and hazardous live parts	N No hazardous live parts
12.3.1	For low-voltage equipment (rated voltages not exceeding 1000 V a.c. and 1500 V d.c.):  The access probe shall not touch hazardous live parts	N No hazardous live parts
13	<b>Tests for protection against solid foreign objects indicated by the first characteristic numeral</b>	
13.4	Dust test for first characteristic numerals 5 and 6  The test is made using a dust chamber shown in Figure 2  The duration of the test 8 h	P  P
13.6	Special conditions for first characteristic numeral 6	
13.6.2	Acceptance conditions for first characteristic numeral 6  The protection is satisfactory if no deposit of dust is observable inside the enclosure at the end of the test.	P No deposit of dust is observable inside the enclosure

1	2	3
14	<b>Test for protection against water indicated by the second characteristic numeral</b>	
14.2	Test conditions	
	The tests are conducted with fresh water	P
	During the tests the water temperature should not differ by more than 5 K from the temperature of the specimen under test	P
14.2.7	Test for second characteristic numeral 7: temporary immersion between 0,15 m and 1 m	
	The test is made by completely immersing the enclosure in water in its service position as specified by the manufacturer so that the following conditions are satisfied:	P
	a) the lowest point of enclosure with a height less than 850 mm is located 1000 mm below the surface of the water	P
	c) the duration of the test is 30 min	P
	d) the water temperature does not differ from that of the equipment by more than 5 K	P
14.3	Acceptance conditions	
	After testing the enclosure shall be inspected for ingress of water.	P
	If any water has entered, it shall not:	P
		No trace of water is observable inside the enclosure
	- be sufficient to interfere with the correct operation of the equipment or impair safety;	N
	- deposit on insulation parts where it could lead to tracking along the creepage distances;	N
	- reach live parts or windings not designed to operate when wet;	N
	- accumulate near the cable end or enter the cable if any.	N