# Certificate of Testing

**Serial Number: 12511CC36A**



FT Technologies Limited
Church Lane
Teddington
Middlesex
TW11 8PA

Client's Order Number: P16265
Works Order Number: 12511-02
Date of Test: 28th April 2010

Attn.: Mr. Olivier Hus

**Specimens**: 1 off — FT702LT Wind Sensor
Serial No.: 2870-001
Part No.: 22 (With Soldered Internal Connector)
TRaC Stores No.: 24444
Receipt Date: 19th April 2010

**Specification**: IPX7 Temporary Immersion Test
Tested in accordance with BS EN 60529: 1992: (2000)

Immersion Depth: 1m to lowest point of the specimen
Duration: 30 minutes
Pre-Conditioning: Specimen to be 5°C above water temperature

**Procedure**: Prior to test the specimen was visually inspected and function tested by a representative of the customer. The specimen was then conditioned in a temperature chamber so that it stabilised at a temperature 5°C above the water in the immersion tank. The specimen was then removed from the temperature chamber and attached to a weighted wire rack and immersed to the correct depth. On completion of the Immersion test the specimen was visually inspected for any conspicuous signs of internal water ingress.

**Results**: The specimen completed the test with no conspicuous signs of internal water ingress and the customer verified that the specimen functioned correctly on completion of the test.

The specimen is therefore deemed to satisfy the requirements of BS EN 60529: 1992 (2000) IPX7.

TEST ENGINEER ..... Q.A. APPROVAL .....

D. Wheatley — D.K.Morris – Chief Test Engineer



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Issue Date: 7th July 2010

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# Certificate of Testing

**Serial Number: 12511CC76A**



FT Technologies Limited
Church Lane
Teddington
Middlesex
TW11 8PA

Client's Order Number: P16265
Works Order Number: 12511-02
Date of Test: 26th to 27th May 2010

Attn.: Mr. Olivier Hus

**Specimens**: 1 off — FT702LT Wind Sensor
Serial No.: 2870-001
Part No.: 22 (With Soldered Internal Connector)
TRaC Stores No.: 24444
Receipt Date: 19th April 2010

**Specification**: Ingress Protection Test
Tested in accordance with BS EN 60529: 1992 (2000)

IP6X - Dust Protected
Duration: 8 hours

**Procedure**: The specimen was measured to evaluate its volume, and then connected to a vacuum pump, pressure indicator and flow meter to calculate the test duration. It was then placed in the dust chamber, and re-connected to the vacuum pump to provide a vacuum no greater than 20 mbar below laboratory ambient pressure during the test.. The test was carried out in accordance with the specification for a period of 8 hours.

TEST ENGINEER ..... Q.A. APPROVAL .....

D. Wheatley — D.K.Morris – Chief Test Engineer



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**Results:** On completion of the test the specimen was internally inspected and no signs of dust ingress were found.

The specimen therefore satisfies the requirements of BS EN 60529: 1992 (2000) IP6X.