

TEST REPORT

1. Applicant

Name : Young Tech Co., Ltd.
Address : 662-8. Pungmu-dong, Gimpo-city, Kyunggi-do,
Korea

2. Products

Name : Position Transmitter
Model/Type : SPTM-5V
Manufacturer : Young Tech Co., Ltd.
Remark : -

3. Test Standard/Method : IEC 60529:2001, KS C IEC 60529:2002

4. Test Results : IP67 (Refer to document)

5. Use of Report : For Quality Control

6. Date of Application : 2010. 04. 28

7. Date of Issue : 2010. 05. 03

Tested by

Approved by

Machinery Components Center
Chang-ho Kim

Machinery Components Center
Leader Byung-woo Lee

The above test report is the accredited test results by Korea Laboratory Accreditation Scheme, which signed the ILAC-MRA.

Korea Testing Laboratory

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TEST RESULTS

for Degree of protection provided by enclosures(IP Code)

1. Test Results

Code letters	IP	Test method and Record	Results
<p style="text-align: center;">1st Characteristic numerals</p> <p>Against ingress of solid foreign objects</p>	6	<p>1. CONDITIONS</p> <p>1.1 Talcum powder(mesh) : Wire diameter=50 μm, width between wires=75 μm</p> <p>1.2 Amount of talcum powder of the test chamber : 2kg/m³</p> <p>2. TEST</p> <p>2.1 Volume of the enclosures : about 280 cm³</p> <p>2.2 Reduction air pressure : -2.0 kPa (-200 mmH₂O)</p> <p>2.3 Flow rate : 0.0 LPM</p> <p>2.4 Extraction rate per hour : 0 volumes/h</p> <p>2.5 Test duration : 8 hours</p>	Pass
<p style="text-align: center;">2nd Characteristic numerals</p> <p>Against ingress of water with harmful effects</p>	7	<p>1. CONDITIONS</p> <p>1.1 The lowest point of enclosure : 1,000 mm</p> <p>1.2 The highest point of enclosure : 904 mm</p> <p>1.3 Differential temperature of water and enclosure (less than 5K) : about 2.0 K</p> <p>2. TEST</p> <p>2.1 The duration of the test is : 30 min</p>	Pass

2. Reference Data

- (1) Test conditions : 20.5 °C, 43 %RH, 86~106 kPa
- (2) Size : 74 mm×98.6 mm×H95.5 mm
- (3) Rating : Max. 28 V, DC