

TEST REPORT

1. Applicant

Name : SEOJIN INSTECH CO., LTD.
Address : #91-18. Gunja-dong, Gwangjin-gu, Seoul,
Korea

2. Products

Name : DIAL LIQUID LEVEL TRANSMITTER
Model/Type : SGL
Manufacturer : SEOJIN INSTECH CO., LTD.
Remark : -

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

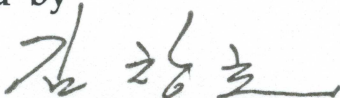
4. Test Results : IP65 (Refer to document)

5. Use of Report : For Quality Control.

6. Date of Application : 2010. 08. 19

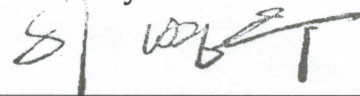
7. Date of Issue : 2010. 08. 24

Tested by



Machinery Components Center
Chang-ho Kim

Approved by



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

TEST RESULTS

for Degree of protection provided by enclosures(IP Code)

1. Test Results

Code letters	IP	Test method and Record	Results
<p>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 4,400 cm³</p> <p>2.2 Reduction air pressure : -2.0 kPa (-200 mmH₂O)</p> <p>2.3 Flow rate : 0.33 LPM</p> <p>2.4 Extraction rate per hour : 4.5 volumes/h</p> <p>2.5 Test duration : 8 hours</p>	Pass
<p>2nd Characteristic numerals</p> <p>Against ingress of water with harmful effects</p>	5	<p>1. CONDITIONS</p> <p>1.1 Internal diameter of the nozzle : 6.3 mm</p> <p>1.2 Delivery rate : 12.5 LPM\pm5%</p> <p>1.3 Core of the substantial stream : Circle of 40 mm diameter at 2.5 m distance from the nozzle</p> <p>1.4 Distance from nozzle to enclosure surface : Between 2.8 m</p> <p>2. TEST</p> <p>2.1 The duration of the test is : 3 min</p>	Pass

2. Reference Data

- (1) Test conditions : 23.5 $^{\circ}$ C, 67 %RH, 86~106 kPa
- (2) Size : W297 mm \times H270 mm \times B210 mm
- (3) Rating : DC 15~32 V, 2 Wire Type