

Physical - Technical Testing Institute, s.p.

National Authority No. 210, EU Notified body No.1026

Testing Laboratory No. 1019, accredited by CAI

TEST REPORT No.: 13.0351 - 6

Test:

Degree of protection - IP 66, IP 67

Applicant:

LIMATHERM Components Sp.z o.o

Żelazna 5, 41-506 Chorzów, Poland

Producer:

LIMATHERM Components Sp.z o.o

Żelazna 5, 41-506 Chorzów, Poland

Tested Subject:

Connection head, Type: MA

Design of Sample:

IP 66, IP 67

Sample Number:

18427

Certificate Number:

Delivery of Sample:

9.7.2013

Testing Method:

EN 60529:1991+A1:2000, clause 13.4, clause 14.2.6, 14.2.7

Deviation of the Test Method:

Responsible person: Ing.Tomáš Štula Ph.D.

Head of Testing Laboratory

Date of issue: 3.9.2013

Elaborated by: Jan Šviderský

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Number of annexes: -

Test results mentioned in this test report relate to the items tested only and not replace any other documents. In any case the test report shall not be reproduced, except in full, without the written approval of the Testing Laboratory.

Test Report No. 13.0351-6

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Test Sample:

Connection head, Type:

MA, without nameplate

Head body and cover material:

Aluminum

Sealing material:

Silicone rubber

Testing Procedure:

EN 60529:1991+A1:2000, clause 13.4, clause 14.2.6, 14.2.7

Required degree of protection: IP 66, IP 67

Enclosure Category: 1

Sample operating mode: at rest

Test Conditions:

 $T_a = 21,0$ °C

Test Instruments and Apparatus:

1.	Digital thermometer THERM 2280-2	Reg.No.160
2.	Dust chamber	Reg.No.071
3.	Measuring tape	Reg.No.231
4.	Water nozzle, ø12,5mm	Reg.No.124
_	Motor toul	

5. Water tank

Test Results:

Test apparatus for degree:	IP 6X	Dust Chamber
Equipment free volume app:	0,025	dm ³
Set under pressure:	2	kPa
Air exchange during the test:	1,0	dm ³
Test Duration:	8	Hour
Test Result:	Any dus	t didn't enter into sample.

Test apparatus for degree:	IP X6	Nozzle with inside diameter: 12,5 mm Water flow: 100 l/min Distance: 3m Test duration: 3min.	
Water temperature:	18,3	°C	
Test Result:	Any water didn't enter in quantity deteriorating sample degree of protection.		

Test apparatus for degree:	IP X7	Water tank Sample dive into water. Lowest point of Head: 1000 mm under water level Test duration: 30 min.		
Water temperature:	18,0	°C		
Test Result:		Any water didn't enter in quantity deteriorating sample degree of protection.		

Tested by: Jan Šviderský Pridus Radim Kolář Kula

Priders?

Date of testing: 16., 20., 26.8.2013