

Certificate of Testing

N°: TRA022941CC01A

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Rotork Midland Ltd
Patrick Gregory Road
Wednesfield
Wolverhampton
WV11 3DZ.

Issue Date: 29th July 2014
Our Ref: TRA-022941-00
Client's Order Number: A24996
Date(s) of Test: 18th July 2014

Attn.: James Kingham

Specimen(s):

1 Off	Solenoid Housing
Serial Number:	A130618/130524
TRaC Stores Number:	TRA-022941-S1
Receipt Date:	16 th July 2014

Specification:

IPX8 – Continuous Immersion in Water
Tested in accordance with BS EN 60529:1992

Duration:	3 hours
Depth:	2 meters above lowest point of enclosure
Configuration:	Non operational

Procedure:

A pressure cylinder was used to simulate the depth of water required for continuous immersion under water. Laboratory ambient water was used to fill the pressure cylinder to above the top surface of the specimen, the temperature of the specimen and water was checked to ensure the differential was within 5°C. The specimen was then placed inside the centre of the pressure cylinder, the air pressure above the water was then raised by 196 millibars to simulate 2 meter depth of water and held for a duration of 3 hours.

Results:

After testing, the specimen was dried externally before being inspected internally for water ingress. No water ingress was found.

The specimen therefore meets the requirements of BS EN 60529:1992 IPX8.

Test Engineer



Priyesh Makwana Test Engineer

Approval

D. K. Morris Chief Test Engineer

Certified that the specimens detailed hereon have been subjected to the tests as required by the order unless otherwise stated above. Our technical competence and quality control arrangements are in accordance with the conditions of our UKAS accreditation. No representation or warranty is given that the Tests performed under the terms of Contract constitute, in themselves, a sufficient programme for the Customer's purpose, nor that the Customer's Equipment is suitable for any particular purpose. The contents of this Certificate shall not be reproduced, except in full, without the written approval of TRaC Global Limited.

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IPX8 INGRESS PROTECTION - PRESSURE CYLINDER – SPECIMEN CONFIGURATION

FIGURE 1