

TEST HOUSE CERTIFICATE

CLIENT: Bettis UK Ltd
Brunel Way
Fareham
Hants
PO15 5SA

CERTIFICATE NUMBER Env/12048

PROJECT NUMBER SX600756/CJL

CLIENT'S ORDER NUMBER E 46864

INCOMING RELEASE NOTE

Not released

DATE OF RECEIPT

18 April 1996

TEST ITEM(S)

Actuator

NUMBER OF ITEMS TESTED

One

SERIAL NUMBER(S)

940802A-1

MODEL/PART NUMBER

G Type Actuator

TEST SPECIFICATION/ISSUE

BS EN 60529 1992

DATE OF TEST

18 April 1996

TEST(S) APPLIED

Protection against water ingress to IPX7M

See page 2

RESULT(S) OF TEST

Protection against water ingress to IPX7M

Throughout the immersion period of 30 minutes the actuator was operated through its full stroke at approximately 5 minute intervals.

The unit was removed from the tank after 30 minutes full depth immersion and the external surface dried off completely.

A representative of the customer dismantled the unit for internal inspection.

The centre housing and the spring return cylinder were checked. There was no evidence of water ingress.

Approved by

R W Heighington
R W Heighington
T & E Division Manager

Date of Issue ... 15 May 1996



TEST(S) APPLIED

Protection against water ingress to IPX7M

The unit was immersed horizontally in its normal operating position in water under the following conditions.

Minimum depth to underside of unit:	1000 mm
Minimum depth to topside of unit:	150 mm
Duration of test:	30 minutes
Water temperature:	Within 5K of equipment temperature
Temperature range:	15°C to 35°C
Relative humidity:	25% to 75%
Ambient air pressure:	860 mbar to 1060 mbar