

# TEST HOUSE CERTIFICATE

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

CERTIFICATE NUMBER Env/12047  
PROJECT NUMBER SX600756/CJL  
CLIENT'S ORDER NUMBER E 46864

INCOMING RELEASE NOTE

Not released

DATE OF RECEIPT

18 March 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

19 March 1996

TEST(S) APPLIED

Protection against access to hazardous parts to IP6X  
Solid foreign object ingress protection to IP6X

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RESULT(S) OF TEST

Protection against access to hazardous parts to IP6X

There was no location on the actuator at which the 1 mm safety probe could be inserted.

Solid foreign object ingress protection to IP6X

Following upon 8 hours exposure to swirling dust the external surface of the Actuator was brushed down carefully prior to inspection.

A representative of the customer was present to dismantle the unit for internal inspection.

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

Approved by . . . *R W Heighington* . . .

R W Heighington  
T & E Division Manager

Date of Issue . . . *15 May 1996* . . .



TEST(S) APPLIED

Protection against access to hazardous parts to IP6X

Probe: To EN 60529:1991, Page 19, Table VI  
Probe diameter: 1.0 mm, +0.05 mm/-0.0 mm  
Test force: 1N  $\pm$  10%

Solid foreign object ingress protection to IP6X

Test dust: Talcum powder (75  $\mu$ m)  
Concentration: 2 kg/m<sup>3</sup> of chamber volume  
Depression: 2kPa maximum  
Air Velocity: Turbulent  
Duration: 8 hours  
Temperature Range: 15°C to 35°C  
Relative Humidity: 25% to 75%  
Ambient Air Pressure: 860 mbar to 1060 mbar