

# Test Report

Report No	288/4359901	This Report consists of 4 pages
Client	PTC Mill Chase Barn Wildings Lane Steeple Bumpstead Haverhill Suffolk CB9 7EQ	
Authority & date	Purchase Order Number: 020809/1 Facsimile message dated 09 August 2002	
Item tested	Cable joint enclosure	
Specification	BS EN 60529 : 1992	
Results	See Summary of Results on page 2	
Prepared by	B Pond <i>B Pond</i>	Engineer
Authorized by	D T Gall <i>Dawd Gall</i>	Principal Engineer
Issue Date	19 August 2002	
Conditions of issue	This Test Report is issued subject to the conditions stated in current issue of <i>Test Leaflet 1</i> 'General conditions relating to acceptance of testing'. The results contained herein apply only to the particular sample/s tested and to the specific tests carried out, as detailed in this Test Report. The issuing of this Test Report does not indicate any measure of Approval, Certification, Supervision, Control or Surveillance by BSI of any product. No extract, abridgement or abstraction from a Test Report may be published or used to advertise a product without the written consent of the General Manager, BSI Product Services, who reserves the absolute right to agree or reject all or any of the details of any items or publicity for which consent may be sought.	



**TESTING, EXAMINATION AND ASSESSMENT OF A CABLE JOINT ENCLOSURE  
SUBMITTED AS AN INDEPENDENT TEST SAMPLE**

**INTRODUCTION**

At the request of PTC the cable joint enclosure received on 12 August 2002 and detailed below, was tested and assessed against the requirements of BS EN 60529 : 1992 sub clauses 13.1, 13.2, 13.3, 13.4, 13.6, 14.1, 14.2, 14.2.8 and 14.3 from 14 August 2002 as indicated on the following pages of this Report. This request was made in the client's Purchase Order number: 020809/1 dated 09 August 2002. It is emphasized that assessments were not made against the other clauses of the Specification.

This Report only relates to the actual sample which has been tested and assessed. The results obtained do not necessarily relate to samples from the production line and in no way imply the performance or quality of the continuing production will be maintained.

The tests and assessments contained in this Report were undertaken by BSI Product Services Environmental Laboratory.

**TEST ITEM**

Cable joint enclosure            Type BS2/2/4/TB+CS0/C

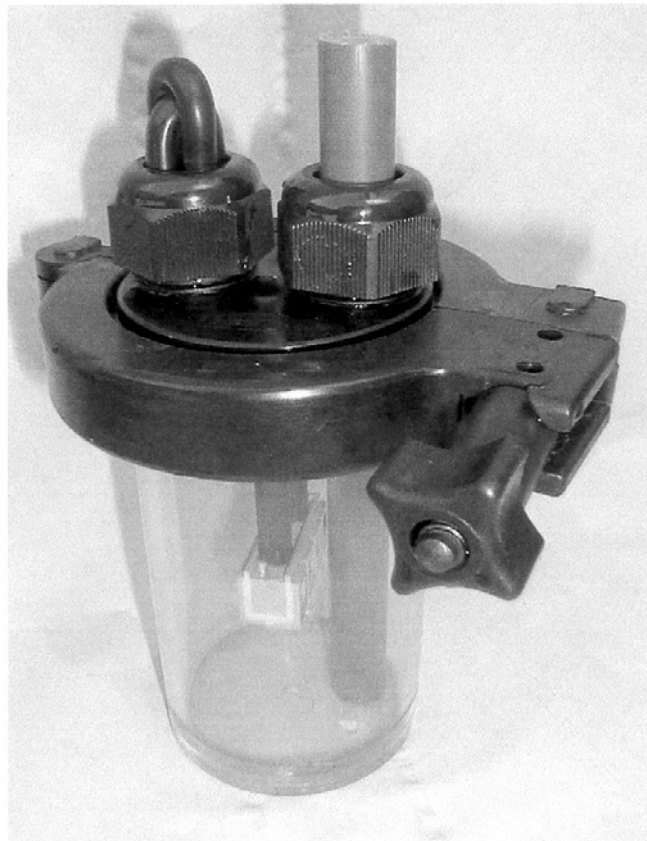
**SUMMARY OF RESULTS**

IP6X Category 1	no ingress of dust	Complied
IPX8	no ingress of water	Complied

**1. GENERAL**

**1.1**

**Photograph**



**Cable joint enclosure**

**1. GENERAL (cont)**

**1.2 Test specification**

BS EN 60529: 1992 Degrees of protection provided by enclosures (IP code)

**1.3 Tests requested**

Protection against access to hazardous parts and against solid foreign objects  
(dust tight) IP6X Category 1

Protection against the ingress of water with harmful effects (continuous immersion)  
IPX8

**1.4 Tests conducted**

As requested in 1.3 above

**2. RESULTS**

**2.1 Protection against access to hazardous parts and against solid foreign objects**

(dust tight) IP6X Category 1 Complied

**2.2 Protection against the ingress of water with harmful effects (continuous immersion)**

IPX8 depth 10 metres (1 bar pressure) 60 minutes duration Complied

**3. COMMENTS**

**3.1 Protection against access to hazardous parts and against solid foreign objects  
(dust tight) IP6X Category 1**

The tests were performed to Category 1, i.e. enclosures where reductions in pressure below the surrounding atmospheric pressure are present.  
Upon completion of the test, inspection revealed no evidence of dust ingress within the test enclosure.

**3.2 Protection against the ingress of water with harmful effects (continuous immersion)  
IPX8**

Upon completion of the test, inspection revealed no evidence of water ingress within the test enclosure.