

Australian Standard™

Electricity metering

Part 10.2: Data exchange for meter reading, tariff and load control—Direct local data exchange via hand-held unit (HHU)—ANSI Standard interface

STANDARDS
Australia



This Australian Standard was prepared by Committee EL-011, Electricity Metering Equipment. It was approved on behalf of the Council of Standards Australia on 19 January 2006.
This Standard was published on 15 February 2006.

The following are represented on Committee EL-011:

Australian Chamber of Commerce and Industry
Australian Electrical and Electronic Manufacturers Association
Electrical Regulatory Authorities Council
Electricity Engineers Association (New Zealand)
Energy Networks Association
Ministry of Economic Development (New Zealand)
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Originated as AS 1284.10.2—1993.
Second edition 2006.

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Published by Standards Australia GPO Box 476, Sydney, NSW 2001, Australia

ISBN 0 7337 7250 1

PREFACE

This Standard was reviewed by the Australian members of the Joint Standards Australia/Standards New Zealand committee EL-011, Electricity Metering Equipment. After consultation with stakeholders in both countries Standards Australia and Standards New Zealand decided to republish this Australia Standard without technical alteration.

The ANSI Standard uses the imperial (inch) system of measurement. Conversion to SI units (millimetres) was considered inappropriate.

This Standard is Part 10.2 of AS 1284, *Electricity metering*, which is published in Parts as follows:

- Part 1: General purpose induction watthour meters
- Part 4: Socket mounting system
- Part 10.1: Data exchange for meter reading, tariff and load control—Direct local data exchange via hand-held unit (HHU)—IEC Standard interface
- Part 10.2: Data exchange for meter reading, tariff and load control—Direct local data exchange via hand-held unit (HHU)—ANSI Standard interface
- Part 11: Single-phase multifunction watthour meters
- Part 12: Polyphase multifunction (non-demand) watthour meters
- Part 13: In-service compliance testing

CONTENTS

	<i>Page</i>
1 SCOPE.....	4
2 OPTICAL COMMUNICATION INTERFACE	4

STANDARDS AUSTRALIA

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1 SCOPE

This Standard specifies the ANSI Standard Type 2 optical communication interface.

2 OPTICAL COMMUNICATION INTERFACE

The dimensions of the optical communication interface (port) shall be as specified in Figure 1.

NOTE: Consideration is being given to specifying a standard protocol.

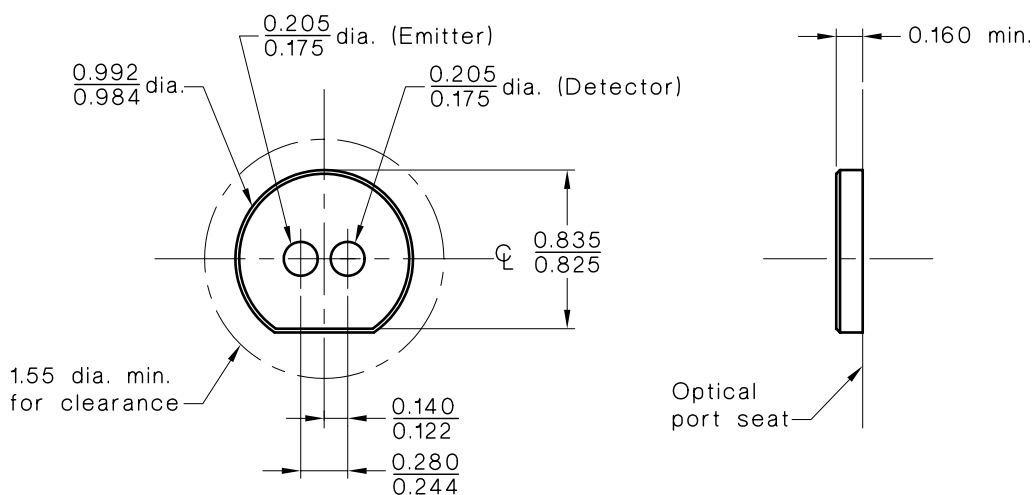


FIGURE 1 OPTICAL PORT—TYPE 2