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Australian STANDARD

Fire detection and alarm systems

Part 18: Input/output devices

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This Australian Standard® was prepared by FP-002, Fire Detection, Warning, Control and Intercom Systems. It was approved on behalf of the Council of Standards Australia on 30 November 2018.

This Standard was published on 20 December 2018.

The following are represented on Committee FP-002:

Association of Hydraulic Services Consultants Australia
Australasian Fire and Emergency Service Authorities Council
Australian Chamber of Commerce and Industry
Australian Industry Group
Australian Institute of Building Surveyors
CSIRO
Deafness Forum of Australia
Department of Health and Human Services (VIC)
Engineers Australia
Fire Protection Association Australia
National Electrical and Communications Association
National Fire Industry Association
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This Standard was issued in draft form for comment as DR AS ISO 7240.18:2018.

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First published as AS ISO 7240.18:2015.
This edition AS ISO 7240.18:2018.

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Preface

This Standard was prepared by the Standards Australia Committee FP-002, Fire Detection, Warning, Control and Intercom Systems, to supersede AS ISO 7240.18:2015, *Fire detection and alarm systems, Part 18: Input/output devices*.

The objective of this Standard is to specify requirements, test methods and performance criteria for input/output devices connected to a transmission path of a fire detection and alarm system used to receive and/or transmit signals to or from the transmission path, necessary for the operation of the fire detection and fire alarm system and/or fire protection system.

An input/output device can be a physically separate device or its function can be integrated into another device, in which case this Standard can be used to assess this function.

This Standard is applicable to input/output devices which include signal amplifiers and signal transfer in separate enclosures.

Control and indicating equipment and ancillary control and indicating equipment (e.g. repeater panels and fire brigade panels) are not covered by this Standard.

This Standard is identical with, and has been reproduced from, ISO 7240-18:2017, *Fire detection and alarm systems — Part 18: Input/output devices*.

As this document has been reproduced from an International Standard, a full point substitutes for a comma when referring to a decimal marker.

Australian Standards that are identical adoptions of international normative references may be used interchangeably. Refer to the online catalogue for information on specific Standards.

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