

Product Data Sheet

4/1/2025

Electronic Controls

Unisenza Actuator 2-Wire

UK - Myson



- First-open function
- Extended 5-year warranty
- Balancing function
- High IP class
- Durable

Description

The Unisenza range of controls is fully compatible with all radiant heating system types and all heating/cooling generators (heat pumps, boilers, etc.). Myson's Unisenza 2-wire actuator has a function indicator and snap lock. Normally closed, power 1 W, IP 54 in all mounting positions, it includes an adaptor ring (adaptor rings for other makes available on request). The actuator has a First Open function for easy initial installation. An extended warranty of 5 years applies to all Unisenza products.

Area of Application

The Unisenza Actuator 2-Wire is ideal for heating circuit distributors and radiator valves. It can be used with radiant heating systems, including those with boilers and heat pumps. Its 1W power consumption, IP54 rating for all mounting positions, and first-open function make it highly versatile for various installations.

Selection Criteria

For use of other connections please see our adapters range.

Basic User Instructions

The actuator is mounted with a snap-on function to the adapter. It includes a first-open function that keeps the actuator open by 0.5mm upon initial installation. After the first supply of power, the actuator will close and remain closed when not powered. This feature allows for system balancing before control.

Prescription text specifiers

The Unisenza actuator serves as an actuator for heating circuit distributors and radiator valves. The actuators can be assigned to the respective room temperature controller individually or as a group. They operate using a thermocouple, activated by a heating coil, to open or close the valve. This cost-effective, maintenance-free, and durable principle ensures efficient functioning. The slim design allows for space-saving installation via an adapter ring with a click mechanism. Features like the first-open function and optical opening indicator facilitate easy handling. Available in 230V and 24V versions, with special adapters for third-party valves upon request.

Warranty

For your additional peace of mind, Purmo Group gives the following Warranty against manufacturing defect. Your statutory rights are not affected by this Warranty.

Subject as provided below, Purmo Group warrants to the original purchaser at the original installation site that its products will be free from defects in materials and workmanship for the following periods:

- Hydronic Radiators: 10 years from date of purchase.*
- Fan Assisted Radiators (ULOW-E2): 2 years from date of purchase.*
- Fan Convectors: 2 years from date of purchase.
- Hydronic Underfloor Heating: 10 years for the pipe from date of purchase.
- Hydronic Underfloor Heating: 2 years on accessories, actuators, ball valves, controls, expansion vessels, fittings, low loss headers, manifolds, mixer control groups & tooling from date of purchase.
- Hydronic Underfloor Heating: 12 months on all pumps from date of purchase.
- Electric Underfloor Heating: 10 years from date of purchase (except programmer & sensor).
- Electric Radiators: 10 years from date of purchase on radiator unit*, electric controls & electronic components; 2 years from date of purchase.*
- Electric Towel Warmers: 2 years from date of purchase.*
- Hydronic Towel Warmers: 5 to 10 years from date of purchase depending on product type.*
- Myson Radiator Valves and Controls: 2 to 5 years from date of purchase, depending on range.

*Products which are exposed to prolonged extreme conditions, such as high humidity or severe cold/condensation, may be subject to deterioration. This is not a result of any manufacturing defect.

Products installed in these circumstances will be subject to a warranty period of twelve months only.

The original purchaser's remedy for breach of this Warranty is expressly limited to repair or replacement of any part or parts found to be defective under conditions of normal service and use during the above Warranty period and does not extend to Purmo Group being liable for any incidental, special or consequential damages or losses whatsoever, such as loss of use of the product, inconvenience or lost profits.

This Warranty does not cover any defect, damage or malfunction in the product which is due to: failure to comply in any respect with Purmo Group's installation, maintenance or operating instructions; faulty storage,

handling, installation or repair; mis-use; neglect; accident; abuse; or general wear and tear.

Before this warranty can be activated, the original purchaser will be required to prove, with supporting documentation, the date and place of purchase, as Purmo Group may need to conduct its investigation into

the alleged defect. This should be within 28 days of the date when the defect was discovered or ought to have reasonably discovered the defect.

Purmo Group reserves the right to make a reasonable charge for inspecting and testing any product which is subject to a Warranty claim and the rights conferred by the Warranty are conditional upon the payment of such charge. The charge may be made, at Purmo Group's discretion, either before or after the inspection and testing of the product. In the event that it is established to Purmo Group's reasonable satisfaction that a valid Warranty claim has been made in respect of the product, then any inspection charge which has been paid will be refunded in full by Purmo Group.

Specification

Feature	Unit	Value
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Resources

Document Description	Document Type	Link
Unisenza Brochure ENG	Brochure	https://asset.productmarketingcloud.com/api/assetstorage/3577_89ca48f5-6d06-4edf-aa44-d46cdb6852e8
Myson Complete Solutions - Full Brochure	Brochure	https://asset.productmarketingcloud.com/api/assetstorage/3577_24872a57-c3a5-4956-ab4b-dfa3b522c19b
Range brochure	Brochure	https://asset.productmarketingcloud.com/api/assetstorage/3577_3e6c4df2-7006-4133-88db-1026c6c421d2

Items

Local Code	Global Item Code	Item Description
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