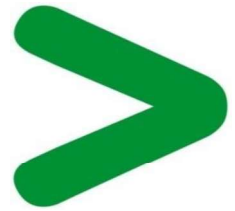


Product End of Life Instructions

MP120NC Thermal PIBCV Actuator, 2-Position

PIBCV Thermoelectric Actuator





Potential disassembly risks

⚠ WARNING

HAZARD OF PARTS EJECTION OR HAND CRUSHING

- Trip the circuit breaker up to discharged state before disassembly.
- Observe instructions to disassemble the spring(s).

Failure to follow these instructions can result in death or serious injury.

⚠ WARNING

HAZARD OF ARC FLASH OR FIRE

- Disconnect battery terminals before disassembly
- Avoid any electrical connection between the terminals

Failure to follow these instructions can result in death or serious injury.

The information provided in this document assumes that the product is completely de-energized and uninstalled (refer to the instructions provided in the appropriate product manuals).

Dismantling/disassembling the product may entail hazards caused by, for example, sharp edges, chemical aggression or ejected parts.

⚠ WARNING

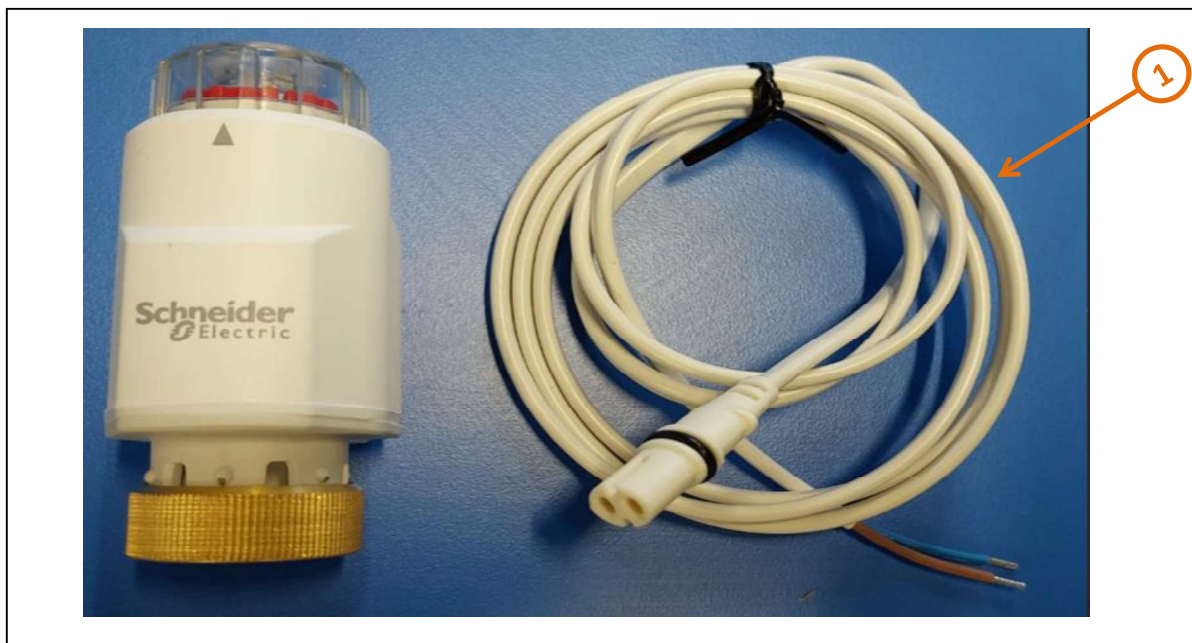
HAZARD DUE TO INSUFFICIENT PROTECTION

- Implement all safety measures required by the applicable regulations and by the processes used to dismantle/disassemble and dispose of the product.
- Use all necessary personal protective equipment such as gloves and goggles.

Failure to follow these instructions can result in death or serious injury.



End of Life Instructions



Recommendation	Number on drawing	Component / Material	Weight (in g)	Comment
To be depolluted	1	Cable (high current)	34.143	Removable



Product description

Manufacturer identification	Schneider Electric Industries SAS
Brand name	Schneider Electric
Product function	The MP120 is a small thermoelectric valve actuator in zone applications for time-controlled two-point and pulse-widthmodulated (PWM) regulation of the SpaceLogic PIBCV valves, from DN10 to DN32. The MP120 has a silent low power operation with a manual override operation for easy flushing. No mounting tools required (easily mounted using valve adapter). Low power consumption – allowing many actuators to be driven from the same controller, Water-protected housing design in all mounting positions. Power Supply: 230 Vac +1%...-15%. Stem Force: 12 N, Normally Closed (stem down). Protection standard IP44 in all mounting positions. Max. stroke 8 mm. M3 x 1.5 valve connection.
Product reference	MP120NC-230T
Additional similar product references	MP120NC-24T MP120NO-230T MP120NO-24T
Total representative product mass	150 g
Representative product dimensions	110mm x 117mm x 58mm
Accessories	External Cable
Date of information release	03/05/2025



Additional information

Legal information	This product family is in the scope of European Union directive 2012/19/EU on Waste Electrical and Electronic Equipment (WEEE). The product family must be disposed according to the legislation of the country. This document is intended for use by end of life recyclers or treatment facilities. It provides the basic information to assure an appropriate end of life treatment for the components and materials of the product.
In case of special transportation: transportation method	No special transportation method required.
Recyclability potential	35% <p>The recyclability rate was calculated from the recycling rates of each material making up the product based on REEECYLAB tool developed by Ecosystem, for components/materials not covered by the tool, data from the EIME database and the related PSR was taken. If no data was found a conservative assumption was used (0% recyclability).</p>

Schneider Electric Industries SAS

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