

Resource
Data Management

Inline Stepper Valve Filter

Installation/User Guide
Revision 1.0



PR0656

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Please ensure all power is switched off before installing or maintaining this product.

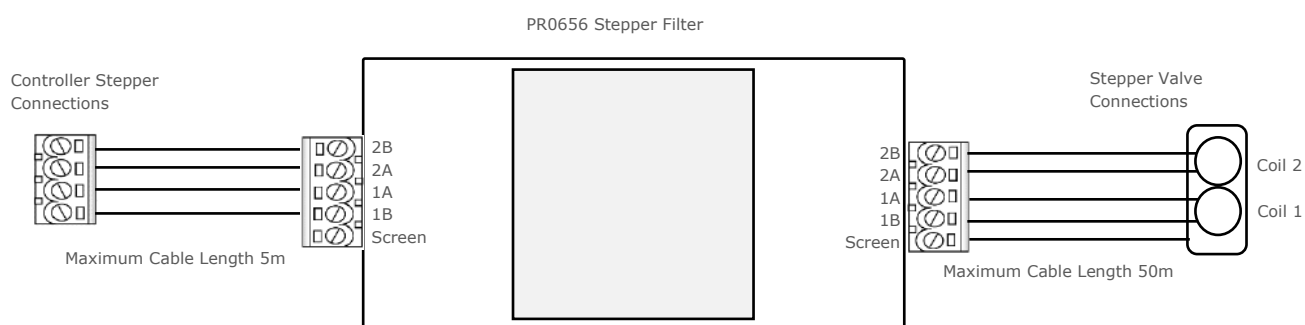
Inline Stepper Valve Filter

From Resource Data Management

The Inline stepper filter is an optional accessory which allows a motorised stepper valve to operate up to 50 metres (164ft) from the RDM controller, without this device the recommended maximum cable length is 5 metres (16.4ft).

The filter does not require a power supply.

Connection Details



The type of cable used from the controller to filter and the filter to the valve should be specified by the valve manufacturer.

The screen terminals are straight through connections and have no functionality within the filter unit. If the stepper valve cable has a screen conductor, then please refer to the valve manufacturer’s data sheet for connection details.

Specification

Dimensions	130mm x 52.5mm x 67mm (5.12in x 2.06in x 2.64in)
Storage Temperature	-20°C to +65°C (-4°F to 149°F)
Operating Temperature	+5°C to +50°C (41°F to 122°F)
Maximum Cable Size	2.5mm (14awg)
Weight	120g (0.26lbs)
Mounting	35mm x 7.5mm DIN Rail (1.38in x 0.29in)

Revision History

Date	Version	Update No	Changes
05/09/2022	V1.0	01	First release



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Group Offices

RDM Group Head Office

80 Johnstone Avenue
Hillington Industrial Estate
Glasgow
G52 4NZ
United Kingdom

+44 (0)141 810 2828
support@resourcedm.com

RDM USA

9441 Science Center Drive
New Hope
Minneapolis
MN 55403
United States

+1 612 354 3923
usasupport@resourcedm.com

RDM Asia

Sky Park at One City
Jalan USJ 25/1
47650 Subang Jaya
Selangor
Malaysia

+60 3 5022 3188
info@rdmasia.com.my



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