

INDUSTRIAL AUTOMATION PRODUCT

MP913C1066-1

Pneumatic Damper Actuator

Honeywell MP913C1066-1 is a pneumatic linear damper actuator that converts control pressure into a 100 mm stroke for HVAC damper positioning.

IDENTITY	VERIFIED VALUE
Manufacturer	Honeywell
System family	Honeywell Pneumatic Controls
Part number	MP913C1066-1
Country	USA
HS code	8537101190

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MP913C1066-1

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Technical Specifications

Technical values below are limited to the named Honeywell product record.

PARAMETER	TECHNICAL VALUE
Diaphragm area	45 cm2
Stroke	100 mm
Net force at full stroke	145 N at 1.25 bar
Actuator action	Pneumatic linear
Application	Damper linkage

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System Role and Architecture

Honeywell MP913C1066-1 is a pneumatic linear damper actuator that converts control pressure into a 100 mm stroke for HVAC damper positioning.

FUNCTION 1

Converts pneumatic pressure to linear motion

FUNCTION 2

Positions air-handling dampers

FUNCTION 3

Provides a 100 mm operating stroke

FUNCTION 4

Connects through mechanical linkage

Matched system components

- Pneumatic control signal
- Damper linkage and bracket
- Air-handling unit damper
- Instrument-air tubing

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Applications and Engineering Context

Air-handler outside-air dampers

Converts pneumatic pressure to linear motion

Return-air damper positioning

Positions air-handling dampers

Ventilation mixing boxes

Provides a 100 mm operating stroke

Legacy pneumatic HVAC control

Connects through mechanical linkage

TECHNICAL NOTE

Align the linkage through the full 100 mm stroke, set the spring and pressure range, and check that the damper reaches both mechanical end positions without binding.

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Engineering Precautions

1

Verify the complete MP913C1066-1 marking and its assigned Honeywell Pneumatic Controls position before work.

2

Isolate the applicable power and field energy before disconnecting MP913C1066-1.

3

Protect MP913C1066-1 connectors and electronic assemblies with approved ESD controls.

4

Record the installed wiring, channel assignment and configuration before replacement.

5

Match Pneumatic control signal and Damper linkage and bracket to the documented system arrangement.

6

Commission MP913C1066-1 with controlled status, signal and diagnostic checks.

7

Retain the final air-handler outside-air dampers functional-test result in the maintenance record.

MANUFACTURER SOURCE RECORD

Honeywell MP913 Pneumatic Damper Actuator Data Sheet

EN0B-0683GE51 R1111

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