

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.

PRODUCT SNAPSHOT

BRAND

Honeywell

FAMILY

Honeywell Pneumatic Controls

PART

MP913C1066-1

ORIGIN / HS

USA / 8537101190

APTER POWER SALES TEAM

WHATSAPP / PHONE

+86 180 3023 5313

EMAIL

sales13@apterpower.com

WEBSITE

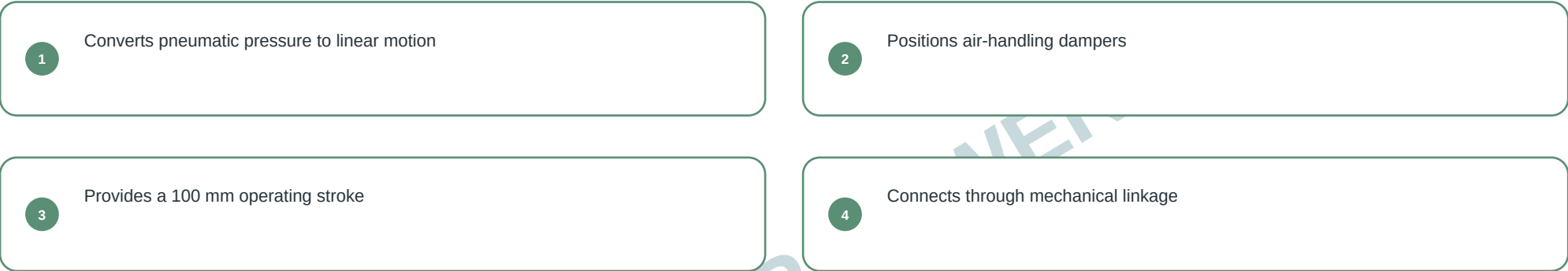
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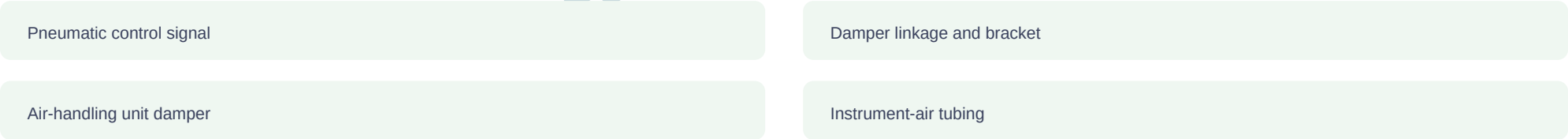
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PRODUCT OVERVIEW

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



SYSTEM COMPONENTS



TECHNICAL DATA

PARAMETER	VALUE
Diaphragm area	45 cm2
Stroke	100 mm
Net force at full stroke	145 N at 1.25 bar

PARAMETER	VALUE
Actuator action	Pneumatic linear
Application	Damper linkage

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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.

APPLICATIONS & PRECAUTIONS

COMMON APPLICATIONS

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

PRODUCT 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.

ENGINEER FAQ

Q1 Does MP913C1066-1 match Pneumatic control signal in a Air-handler outside-air dampers installation?

Verify the complete MP913C1066-1 marking, the documented Honeywell Pneumatic Controls position and the installed Pneumatic control signal before fitting the assembly.

Q2 How should MP913C1066-1 be wired when it must converts pneumatic pressure to linear motion?

Isolate the circuit, identify every terminal and reproduce the approved polarity, shield and channel assignment for MP913C1066-1; then continuity-test the affected path.

Q3 Which Honeywell Pneumatic Controls records should be captured before removing MP913C1066-1?

Record the as-found wiring, installed position, active configuration and diagnostic state associated with MP913C1066-1 before disconnection.

Q4 What controlled test confirms that MP913C1066-1 can positions air-handling dampers?

Apply the approved field or simulated stimulus, observe the Honeywell Pneumatic Controls indication and confirm the intended response without bypassing the normal interlocks.

Q5 Which Damper linkage and bracket condition should be checked when MP913C1066-1 reports an abnormal state?

Check the Damper linkage and bracket supply, seating and connection first, then compare channel diagnostics with the recorded MP913C1066-1 baseline.

Q6 Can MP913C1066-1 be moved directly into Return-air damper positioning without validating Instrument-air tubing?

No. Confirm the Instrument-air tubing, revision, connection scheme and Honeywell Pneumatic Controls configuration before transferring MP913C1066-1 to that duty.

Q7 What maintenance evidence is required after MP913C1066-1 is used for Ventilation mixing boxes?

Retain the nameplate record, corrective action, final diagnostics and a controlled ventilation mixing boxes functional-test result for MP913C1066-1.

Q8 How should MP913C1066-1 be returned to service in Legacy pneumatic HVAC control?

Restore power under control, verify provides a 100 mm operating stroke, exercise the intended signal path and release MP913C1066-1 only after the Honeywell Pneumatic Controls remains in its approved operating state.

SOURCE Honeywell MP913 Pneumatic Damper Actuator Data Sheet | EN0B-0683GE51 R1111

+86 180 3023 5313 | sales13@apterpower.com | www.apterpower.com