



**Honeywell Building Control Products
Are Already Proven In More Than
Three Million Buildings Worldwide**

DIRECT COUPLED ACTUATORS QUICK SELECTION GUIDE



Precise, reliable performance. Lasting value. Ease of installation. Everything you look for in direct-coupled actuators hinges on quality. And



quality engineering is what makes Honeywell's complete line of actuators the top performers in the industry. Our global engineering team designs and tests our direct-coupled actuators to exceed rigorous global standards — and to meet Honeywell's own demanding life testing.

But we don't stop there. Thanks to our continuous improvement process, Honeywell actuators are now easier than ever to install. You'll also benefit from consistent wiring regardless of signal type, common accessories and a simplified selection process.

Honeywell's complete line of building control products, including valves and actuators, are already proven in more than three million buildings worldwide. So when you need spring or non-spring return actuators for your damper and valve applications, specify Honeywell. We make precision easy.

Improve Installation Time

- Self-centering shaft adapter provides mounting flexibility and greater clamping force.
- Common wiring among families for every signal saves installation time.

Decrease Material Cost

- Detachable access cover allows direct wiring without a junction box.

Reduce Inventory

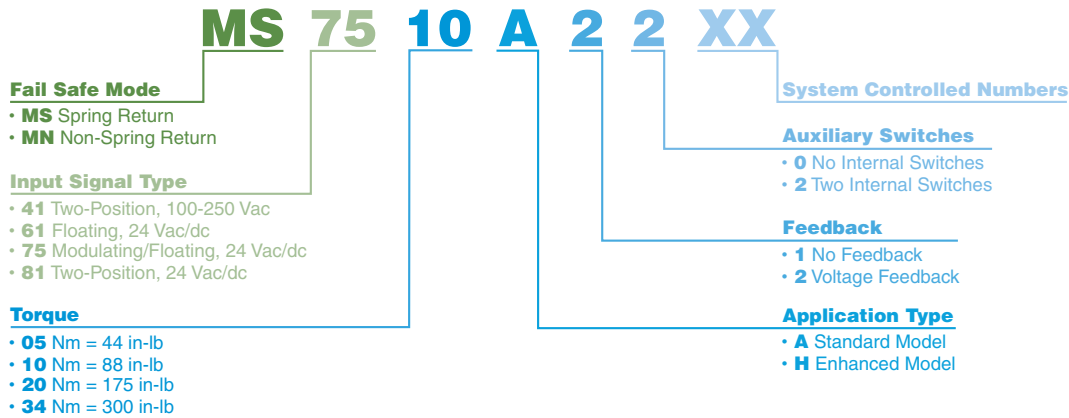
- Signal mode switch adapts models to two-position, floating (tri-state), or modulating (proportional) applications.

Increase Control and Accuracy

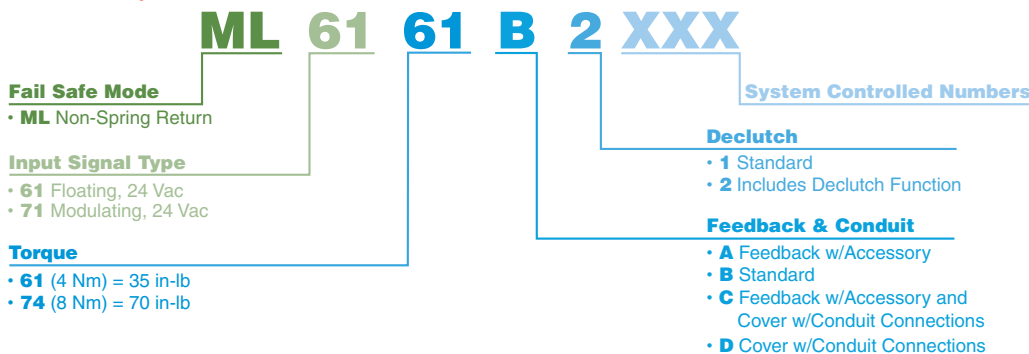
- More than 200 reposition steps for modulating models provide precise control.

EASY-TO-SELECT MODEL NUMBERS




MS and MN Families









ML Family



SPRING RETURN

	Torque	Voltage	Description	Model Number	D2 Damper ² 7 in-lb per sq. ft.	D3 Damper ² 4.5 in-lb per sq. ft.
	44 in-lb (5 Nm)	24 Vac/dc	Two-Position	MS8105A1008	6 sq. ft.	10 sq. ft.
		100-250 Vac	Two-Position	MS4105A1002		
		24 Vac/dc	Floating & Modulating	MS7505A2008		
	88 in-lb (10 Nm)	24 Vac/dc	Two-Position	MS8110A1008	13 sq. ft.	20 sq. ft.
			Two-Position with Auxiliary Switches	MS8110A1206		
		100-250 Vac	Two-Position	MS4110A1002		
			Two-Position with Auxiliary Switches	MS4110A1200		
		24 Vac/dc	Floating & Modulating	MS7510A2008		
			Floating & Modulating with Auxiliary Switches	MS7510A2206		
Floating & Modulating with Auxiliary Switches & Adj. Zero & Span	MS7510H2209					
	175 in-lb (20 Nm)	24 Vac/dc	Two-Position	MS8120A1007	25 sq. ft.	39 sq. ft.
			Two-Position with Auxiliary Switches	MS8120A1205		
		100-250 Vac	Two-Position	MS4120A1001		
			Two-Position with Auxiliary Switches	MS4120A1209		
		24 Vac/dc	Floating & Modulating	MS7520A2007		
			Floating & Modulating with Auxiliary Switches	MS7520A2205		
Floating & Modulating with Auxiliary Switches & Adj. Zero & Span	MS7520H2208					

NON-SPRING RETURN

	Torque	Voltage	Description	Model Number	D2 Damper ² 7 in-lb per sq. ft.	D3 Damper ² 4.5 in-lb per sq. ft.
	35 in-lb (4 Nm)	24 Vac	Two-Position & Floating	ML6161B2024 ¹	5 sq. ft.	8 sq. ft.
			Modulating	ML7161A2008 ¹		
	70 in-lb (8 Nm)	24 Vac	Two-Position & Floating	ML6174B2019 ¹	10 sq. ft.	16 sq. ft.
			Modulating	ML7174A2001 ¹		
	44 in-lb (5 Nm)	24 Vac/dc	Two-Position & Floating	MN6105A1011	6 sq. ft.	10 sq. ft.
			Two-Position & Floating with Auxiliary Switches	MN6105A1201		
			Floating & Modulating	MN7505A2001		
			Floating & Modulating with Auxiliary Switches	MN7505A2209		
	88 in-lb (10 Nm)	24 Vac/dc	Two-Position & Floating	MN6110A1003	13 sq. ft.	20 sq. ft.
			Two-Position & Floating with Auxiliary Switches	MN6110A1201		
			Floating & Modulating	MN7510A2001		
			Floating & Modulating with Auxiliary Switches	MN7510A2209		
	175 in-lb (20 Nm)	24 Vac	Two-Position & Floating	MN6120A1002	25 sq. ft.	39 sq. ft.
			Two-Position & Floating with Auxiliary Switches	MN6120A1200		
		24 Vac/dc	Modulating	MN7220A2007		
			Modulating with Auxiliary Switches	MN7220A2205		
	300 in-lb (34 Nm)	24 Vac	Two-Position & Floating	MN6134A1003	43 sq. ft.	67 sq. ft.
		24 Vac/dc	Modulating	MN7234A2008		

¹ Consult Tradeline catalog for additional models.

² Assumes standard 1000 fpm system with parallel blade damper. Approximate square foot.

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