



MN7505A2001

Mod.Floating, 2-Pos. Actuator - 44 lb-in

Product Specifications

Application	HVAC
Dimensions (in.)	5.23 in high x 2.60 in wide x 2.44 in deep
Dimensions (mm)	134 mm high x 66 mm wide x 62 mm deep.
Includes	Mounting bracket, screws, shaft adapter, water-tight strain-relief cable fittings
Weight (lb)	1 lb
Weight (kg)	0.45 kg
Materials	Plenum rated plastic housing
Comments	Integral 1/2 in. NPSM conduit connection.
Item Type	Product
Mounting	Direct Coupled
Frequency	50 Hz; 60 Hz
Approvals, Underwriters Laboratories Inc.	UL873, Plenum Rated
Tradeline Value	Tradeline
Electrical Connections	Enclosed screw terminal strip (22 to 14 AWG)
Operating Humidity Range (% RH)	5 to 95% RH, non-condensing
Supply Voltage	24 Vac +20%, -15%; 24 Vdc
Power Consumption	Driving— 5 VA
Shipping and Storage Temperature Range (F)	-22 F to +176 F
Shipping and Storage Temperature Range (C)	-30 C to +80 C
Approvals, CE	89/336/ECC, 73/23/EEC
Approvals, Canadian Underwriters Laboratories Inc.	cUL C22.2 No. 24-93
Ambient Temperature Range (F)	-5 F to +140 F
Ambient Temperature Range (C)	-20 C to +60 C
Regulatory Compliance Mark	N314
Environmental, Electrical or Ingress Protection Rating	NEMA 2; IP54
Internal Auxiliary Switch	0
Maximum Noise Rating	Driving (dB(A) @ 1m)— 35
Stroke	95 ±3 degrees
Shaft Dimensions (in.)	1/4 to 1/2 in. square or 3/8 to 5/8 in. round
Actuator Type	Damper; Valve

Control Signal	Floating; (0)2-10 Vdc (4-20 mA w/500 ohm resistor); On/Off; SPDT
Fail Safe Mode	Non-Spring Return
Torque Rating (lb-in.)	44 lb-in.
Torque Rating (Nm)	5 Nm
Additional Torque Ratings (lb-in.)	Maximum Stall— 70 lb-in.
Additional Torque Ratings (Nm)	Maximum Stall— 8 Nm
External Auxiliary Switches Available	Yes, SSW2-1M
Rotation to Open	By switch
Rotational Stroke Adjustment	Dual Integral Adj. Stops (3 degree increments)
Timing, Nominal	Driving @ 60 Hz-- 95 sec
Feedback	(0)2-10 Vdc (max. output: ± 1.0 mA)
Shaft Adapter Type	U-bolt clamp
Manual operation	Declutch mechanism
Shaft Dimensions (mm)	6 to 13 mm square or 8 to 16 mm round