

AquaHeat ProZone 45000 Actuators

AquaHeat

JOB		REPRESENTATIVE	
ENGINEER		ORDER #	DATE
CONTRACTOR		SUBMITTED BY	DATE
PAGE #		APPROVED BY	DATE

Qty	Part #	Circuits	Comments
	45001	2-wire	
	45002	4-wire	

ProZone #45000 Series Zone Actuators

ProZone Actuators match the ProMix line of manifolds 2013xx/2015xx. 4 wire models include an end switch to operate a pump or other function only when actuator is fully opened. Operating temperature 32* F - 122*F, Power supply 24 VAC, Action is Open/Close, NC normally closed.



Technical Characteristics:

Action Open/Close
 Power supply 24 VAC (+10% / -15%)
 Frequency 60 Hz
 Power consumption (normal operation) 2.5 VA
 Peak starting current 0.35 A x 30 sec (24V)
 Initial opening (NC) or closing (NA) time (power ON) 24V 3 min
 Final opening (NC) or closing (NA) time (power ON) 5 min
 Actuator stroke max 3.5 mm
 Valve stroke 2.5 mm
 Protection class IP44 to EN60529
 Electrical Protection class II
 Safety (contamination level) 2
 Cable length 3ft
 2-pole x 0.75 mm²
 4-pole x 0.75 mm²
 Operation temperature limit 32 - 122°F
 Storage temperature limit -13 - 140°F
 Fluid temperature limit Max 230°F
 Nominal closing force (power OFF) (Closed type) 140 N (±10%)
 Auxiliary microswitch (4-wire model) max 700 mA - 24Vac
 Valve connection Threaded ring nut M30x1.

