• ThermOmegaTech[®]

VALVE OR ACTUATOR REQUEST

CUSTOM THERMOSTATIC VALVES AND ACTUATORS

There are many variables in the design of a valve or actuator. Specific features can be designed into the device to optimize it for an application. The application parameters below will be used to consider a standard or custom design for the device. Please provide the following information for our evaluation and recommendations. Send this form and any additional drawings to: <u>orders@ThermOmegaTech.com</u>

TO BE COMPLETED BY REQUESTEE: Company: Street Address: City, State, Zip: Country: Contact: Email: Phone: Project Name: Submittal Date: INTERNAL USE ONLY: Project lead: Engineering lead: Project #: Project Name: Approval Date:

Please check the following thermostatic options you are inquiring about:

Actuator Complete Valve Assembly (housing/body included) Cartridge (installed into customer's

housing/body/manifold)

SECTION TO BE COMPLETED FOR ACTUATORS:

1. Briefly describe the intended use and application the actuator will be used in.

- 2. Stroke required; minimum and maximum allowable?
- 3. Load on actuator; how will the load change over the stroke range?
- 4. Temperature range to produce stroke?
- 5. Response time required?
- 6. Power availability, if remote activated?

SECTION TO BE COMPLETED FOR ALL OPTIONS, INCLUDING ACTUATORS, IF APPLICABLE:

7. If a complete valve or cartridge, please briefly describe the intended use and application.

10.Primary medium exposure?

17.Valve housing/body/manifold being provided by Customer

11. Other potential medium exposure requiring compatibility?

18.Valve housing/body ASME Class requirement?

12.Normal operating temperature and pressure?13.Minimum and maximum operating temperatures?14.Minimum and maximum design temperatures?15.Minimum and maximum operating pressures?16.Minimum and maximum design pressures?

19.Desired flow rate?

- 20. Acceptable pressure drop?
- 21.Life expectancy and/or number of actuations?
- 22.Special processes? i.e. Passivation, annealing, electropolishing, heat treat, etc. Please specify type, method, class, and any specific standards to adhere to.

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Other

- 23. Allowable envelope dimensions?
- 24. Maximum allowable weight?
- 25. Preferred mounting configuration?
- 26.Preferred connection(s)? i.e threading, fitting type, etc.
- 27. Vibration, shock exposure?
- 28. Other special requirements dictated by the application?

29.Prototype quantities:	Estimated need date:	
30.Production quantity year (1):	Expected start of produ	ction:
31.Expected duration (years):		
32.Production quantity year (2):	year (3):	mature:
33.Is full material traceability for all compo	onents required? Yes	No
34.Material certs and/or additional certs?		
35.Is serialization required? Yes I	No; If yes, please provide spe	ecifics:

- 36.Will Buy American Act (FAR 52.225-9), DFARS Restriction on Acquisition of Specialty Metals (DFARS 252.225-7009) or any sourcing restrictions apply to the resulting contract? Yes No
- 37.Please note, specify, and attach any additional requirements. Regulatory QA Clauses Inspection Packing Flowdown and/or Other
 38.Production target price / ea. (\$USD)
 39.Is NRE budgeted for this project? Yes No; If yes, specify amount?
- 40. Please provide any additional details we should know about regarding this request.