Flow Control Cube TURB

Flow Control Cube Turbine is used to measure and control the flow and pressure of the thermal fluid and can only be used in conjunction with Huber temperature control systems with Pilot ONE.

The flow measurement is made using a turbine flow meter in a stainless steel housing. The desired thermal fluid must be specified when ordering, so that the corresponding fluid parameters are factory set. All wetted parts are made of stainless steel.

The control unit consists of the following:
Housing, flow meter, VPC bypass, internal pressure sensor in flow, connection for external pressure sensor (flow), DEM module, CAN switch, complete wiring and piping (insulated), power supply 90-240V 1~/2~ 50/60Hz.

Technical data according to DIN 12876

Operating temperature range	-90...250 °C
Temperature range with factory calibration	-30...95 °C
Calibration with thermofluid (factory-set)	Water-Ethylene Glycol 50:50
min. volume flow	0,9 l/min
max. volume flow	95 l/min
max. volume pressure	6 bar
Accuracy flow control	+/- 0,2 l/min
Overall dimensions WxDxH **	420x593x591 mm
Net weight	60 kg
sound pressure level +/- 4 dB(A)	43 dB(A)
fluid connection	M38x1,5 male
Power supply requirement	90-240V 1~/2~ 50/60Hz
max. current	0,2 A
Fuse	2 A
Degree of Protection	IP20
min. ambient temperature	5 °C
max. ambient temperature	40 °C

Order-No.: 3601.0007.00

from Serial-No.: S556128 1.0/24

Technical details and dimensions are subject to change. No liability is accepted for errors or omissions. Illustrations can deviate from the original.

Included Accessories:
cable and software

Optional accessories:
Adaptor, temperature control / -connection hoses, thermofluids, further accessories, etc.: see catalog.

Output data valid for: Room temperature 20°C

in accordance with EN60034-1 the following voltage and frequency tolerances are valid:
Voltage + / - 5% with a simultaneous frequency tolerance of + / - 2%
Example -5% voltage and +2% frequency -> not allowed!
-5% voltage and - 2% frequency -> allowed

Information to Electromagnetic compatibility:
Classification (disturbance) to EN55011: Class A, Group 1

Standard delivery conditions - Power cable configuration:
1. Single / two-phase devices (100V to 240V) --> with power cable and country-specific plug (please specify when ordering)
2. Three-phase devices with current consumption less than 63A --> with cable, without plug
3. Three-phase devices with current consumption greater than 63A --> without cable, without plug

This equipment is compliant to US-SNAP and all applicable EU laws. The US-SNAP end-use for this equipment is the industrial process refrigeration. Certification by a Notified Body upon request.

** Please respect space requirements. See operating conditions at www.huber-online.com