



arctic rays

HAMMERHEAD

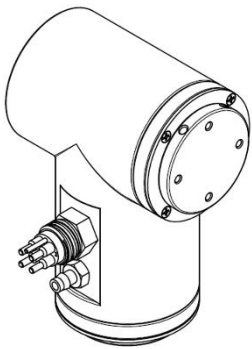
Miniature Pan & Tilt Positioner

FEATURES

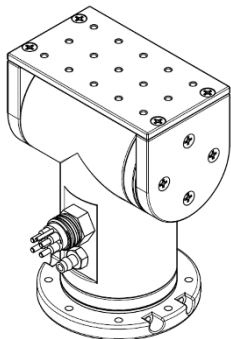
- ▶ Ultra-compact Pan & Tilt positioner
- ▶ Absolute position feedback
- ▶ Unlimited rotation in both axes
- ▶ High Torque: 6.8N-m (5ft-lb)
- ▶ Variable-speed brushless motors
- ▶ Corrosion-resistant 316 Stainless Steel housing
- ▶ Air-filled to 1000m (3300ft) or pressure-balanced, oil-filled to 6000m (20000ft)
- ▶ Multi-drop RS232 control with soft-addressing allows up to 250 units on a single serial port (power permitting)
- ▶ ASCII protocol and Windows GUI
- ▶ User-settable soft-stops and turns counter
- ▶ Wide input supply: 10-50Vdc



PARAMETER	SPECIFICATION
Depth Rating	6000m (19700 ft) oil-filled, 1000m (3300ft) air-filled
Input Voltage	10 – 50 VDC
Rated Torque	6.8 N-m (5 ft-lb)
Stall Torque	12.2 N-m (9 ft-lb)
No-load current	120mA per axis
Rated current	425mA per axis
Stall current	750mA per axis
Rotation	Unlimited (both axes)
Max. Speed	5 rpm (30°/sec)
Payload	10kg (22lbs)
Feedback Accuracy	0.2°
Control	Multi-drop RS232. Up to 250 soft-addresses. ASCII command set.
Housing Material	316 Stainless Steel
Weight (oil-filled)	In Air: 2.7 kg (6.0 lbs), In Seawater: 2.0 kg (4.4 lbs)
Operating Temperature	-10°C – 40°C
Standard Connector Pinout (Impulse MCBH-4-MP)	1: GND 2: +V 3: RS232 RX (in from host) 4: RS232 TX (out to host)



BASE UNIT



SHOWN WITH
STANDARD BRACKETS

