

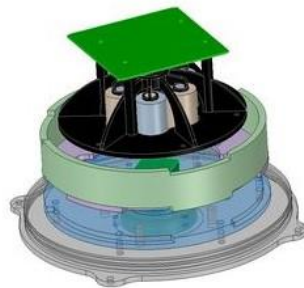


RSUB SERIES

The RSUB was developed to support shallow water and deepwater (2021) subsea applications requiring higher torque rating applications. The actuator incorporates a Diver and ROV Friendly Clamping System (not shown) for ease of installation and removal at any depth. With a configurable stem shear torque allowing maximum safety factor in any application. Reliable customer driven quality with a wide range of configurable features. Actuators can be customised to meet your Topside and Subsea Controls Systems. Successful projects using our actuators include the Wave Power industry in Europe.

FEATURES

- Maximum Allowable 'Stem Torque' to protect valve
- Feedback on minimum amount of 'Stem Torque'
- Automatic configuration
- Real time data (cycles, temp, number of starts, power on/off, etc.)
- Fault codes
- Double Sealed
- Status of valve deterioration
- Status of possible blockages
- Flame and Explosion proof
- Graphical Dashboard feature
- Reduces downtime with live information
- ISO 9001: 2015 accredited co.



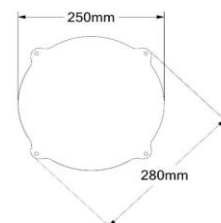
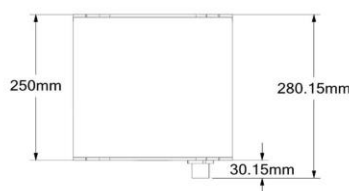
SPECIFICATIONS

Product Model No.:	RSUB400UV
Torque:	Up to 400Nm
Weight:	11.6 Kg
Working Time 0-90°:	25 Seconds
Anti-condensation Heater:	5 Watts
Cable Entries:	Seacon 55/66 or Custom
ISO5211 Mounting:	F10 or Custom
Output Drive Square:	19 mm or Custom
Output Drive Orientation:	0/45°
Depth Rating:	Up to 750 metres
Input Voltage:	12V-30V DC/80V-300V AC
End of Travel Relays (2):	250VAC/5A - 30VDC
Ambient Temp Range °C:	-20 to +70
Water Seals:	Double O Rings
Depth Rating	800M
Control:	Custom or via Android App
Electrical Position Indicator:	Visual Positional LEDs
Electronic Position Indicator:	Custom or via Bluetooth App
Reverse Acting:	Close CCW
Calibration Mode:	Open/Closed Position & Angle

CHARACTERISTICS

Base and Top:	Hard Anodised Aluminum 5083 or Custom
Outer Casing:	15mm Acrylic or Steel
Gears:	Acetal
External Screws:	Stainless Steel
Electrical Motor:	Single Phase 6-24V DC
Drive Adapter:	Aluminum 608LT6
CE Conformance:	EN 15714-2; IP67; ISO5211
Battery:	Integral Lithium-Ion Battery

OUTLINE DIMENSIONS



OPTIONAL FEATURES

- Speed Control
- Failsafe – NC, NO, Stay Put, Specific Angle
- Multi-Turn - 360°
- Modulation/Process Control – 4-20mA, 0-20mA, 0-10V
- Modulating Loss of Signal – Close, Open, Stay Put, Specific Angle
- Wiggle – Angle/Frequency
- Off Grid Capability
- Custom Drive Adapter

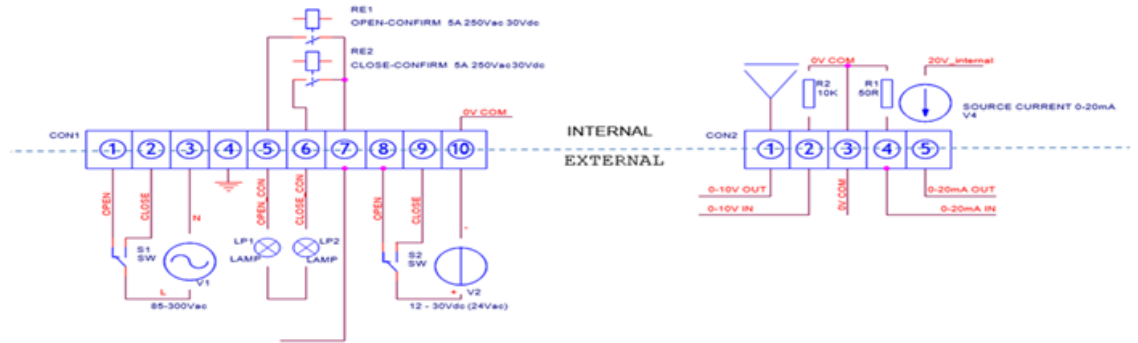
BENEFITS

- Easy Setup
- Energy Efficient
- Plug-in Connectors
- Bluetooth Connectivity
- Accuracy to within 0.5°
- Rugged construction for extended service life
- ISO5211 mounting
- Fits most commercial valves

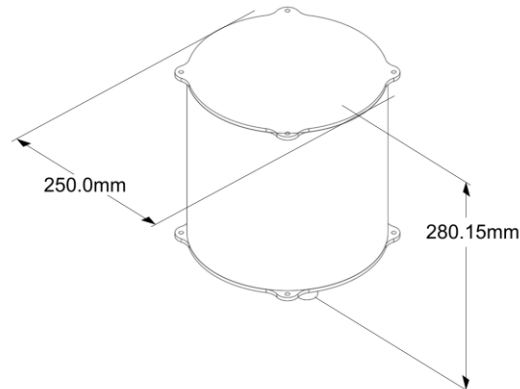
ADDITIONAL SERVICES

- Customised Design
- Field Set-up
- Technical Support
- Application Support
- Guaranteed Warranty

CONNECTIONS



ISOMETRIC VIEW



PART NUMBER CONFIGURATION

RSUB	40	-	L	F03	A	P	-	A	4	WA	-	001
	①		②	③	④	⑤		⑥	⑦	⑧		⑨
①	Stem shear torque 200: 200Nm 300: 300Nm 400: 400Nm			④	Drive Adapter A: 17mm B: 22mm C: Custom			⑦	Speed 4 / 6 / 16			
②	Voltage L: 10-30DC H: 80-300VAC			⑤	Failsafe Option P: Open L: Close G: Angle			⑧	Wiggle WA: angle WT: interval			
③	Mounting Option F07 / F10			⑥	Modulation A: 0-10V B: 0-20mA C: 4-20mA			⑨	Customs/ factory code			

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