

REACH ALPHA 2

2-FUNCTION MANIPULATOR

A precise dual function grabber for harsh environments.

- All-Electric.
- Designed and Tested for Harsh Environments.
- Intuitive User Interface with 3D Visualisation and Telemetry.
- Software Developer Kit (SDK) for Custom Control Applications.



TECHNICAL SPECIFICATIONS	
Functions	2
Reach	160 mm / 6.3 in
Wrist Rotation Torque	0.6 Nm / 5 lb-in
Wrist Rotation Speed	60° / s
Grab Speed	5 s
Grab Force	10 kg / 22 lb
Lift Capacity	N/A
Weight (Air)	0.39 kg / 0.85 lb
Weight (Water)	0.24 kg / 0.5 lb
Outer Diameter	40 mm / 1.6 in
Connector Cable	Teledyne 6 Pin IE55 Impulse Cable
Control Modes	Position, Velocity
ELECTRICAL	
Voltage	18 - 30 V
Power (Nominal)	11 W
COMS	Serial (232 / 485)
ENVIRONMENTAL	
Rated Depth	300 MSW / 980 ft
Rated Temp	5 - 35 °C / 41 - 95 °F
Storage Temp	-10 - 80 °C / 14 - 176 °F