

REACH ALPHA 5

5-FUNCTION MANIPULATOR

The Alpha 5 is a tough and reliable multi-function electric manipulator for harsh environments.

- All-Electric.
- 5-Functions for Dextrous Manipulation.
- Designed and Tested for Harsh Environments.
- Collision Avoidance for Operator Peace of Mind.
- Intuitive User Interface with 3D Visualisation and Telemetry.



TECHNICAL SPECIFICATIONS	
Functions	5
Reach	360 mm / 14.2 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	2 kg / 4.4 lb
Weight (Air)	1.36 kg / 3 lb
Weight (Water)	0.9 kg / 2 lb
Outer Diameter	40 mm / 1.6 in
Connector Cable	Teledyne 6 Pin IE55 Impulse Cable
Control Modes	Position, Velocity, Cartesian Velocity (X, Y, Z)
ELECTRICAL	
Voltage	18 - 30 V
Power (Nominal)	35 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