

# REACH X 3

## 3-FUNCTION MANIPULATOR

A next-generation manipulator system for complex remote intervention critical commercial and military operations.

- All-Electric.
- 3-Functions for Precise Manipulation.
- Designed and Tested for Harsh Environments.
- Intuitive User Interface with 3D Visualisation and Telemetry.
- Software Developer Kit (SDK) for Custom Control Applications.
- Available with high force cutter attachment.



| TECHNICAL SPECIFICATIONS |                                   |
|--------------------------|-----------------------------------|
| Functions                | 3                                 |
| Reach                    | 280 mm / 11.0 in                  |
| Wrist Rotation Torque    | 6 Nm / 53 lb-in                   |
| Wrist Rotation Speed     | 140° / s                          |
| Grab Speed               | 3 s                               |
| Grab Force               | 25 kg / 55 lb                     |
| Lift Capacity            | 3 kg / 6.6 lb                     |
| Weight (Air)             | 1.6 kg / 3.5 lb                   |
| Weight (Water)           | 0.95 kg / 2 lb                    |
| Outer Diameter           | 50 mm / 2 in                      |
| Connector Cable          | Teledyne 6 Pin IE55 Impulse Cable |
| Control Modes            | Position, Velocity                |
| ELECTRICAL               |                                   |
| Voltage                  | 24 - 30 V                         |
| Power (Nominal)          | 90 W                              |
| COMS                     | Serial (232 / 485) OR Ethernet    |
| ENVIRONMENTAL            |                                   |
| Rated Depth              | 300 MSW / 980 ft                  |
| Rated Temp               | 5 - 30 °C / 41 - 86 °F (water)    |
| Storage Temp             | -10 - 80 °C / 14 - 176 °F (air)   |