

RJH-01

MAIN FEATURES OF RUGGED HALL EFFECT JOYSTICK

- Designed and tested to MIL-STD-810 and EN 61000 standards
- 2 Axis high precision control with Hall Effect sensor
- Ergonomic design for long period usage
- IP 67 water and dust protection (Above panel)
- Low operating force
- Long and reliable service life in harsh environments with rugged case
- Panel mounted
- Electrical output: USB
- Manufactured to ISO 9001 quality system



*Upon request, the cabling can also be delivered with various military type connector configurations.

GENERAL TECHNICAL SPECIFICATIONS

MECHANICAL

Weight	: 250 gr ($\pm 10\%$)
Operating force	: 2,6 N
Mechanism	: Spring Centering
Limiter plate	: Square
Deflection angle	: For x/y axis 13,5°, Diagonal axis 20°

ELECTRICAL

Output	: USB
Supply voltage	: 5 V D.C
Cable length	: 1,8 m
Sensor technology	: Hall Effect

ENVIRONMENTAL

Temperature range	: MILSTD-810G Operating -40°C to +85°C / Storage -40°C to +85°C
Mechanical Shock	: MIL-STD-810G Method 516.6 Drop Test
Water and dust resistance	: IP67 (Above Panel)
Sand and Dust resistance:	: MIL-STD-810G Method 510.5, Procedure I
ESD Immunity	: EN IEC 61000-4-2 Level 3 (± 4 kV contact, ± 8 kV air)
EMI/EMC	: EN IEC 61000-4-3, EN IEC 61000-6-3

