



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.

Rev:00 Date: 05/24

GENERAL TECHNICAL SPECIFICATIONS

MECHANICAL

Weight : $250 \text{ gr } (\pm\%10)$

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

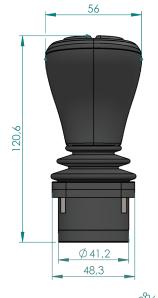
Mechanical Shock : MIL-STD-810G Method 516.6 Drop Test

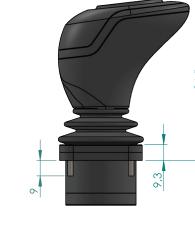
Water and dust resistance : IP67 (Above Panel)

Sand and Dust resistance: : MIL-STD-810G Method 510.5, Procedure I

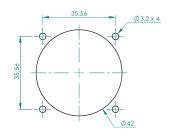
ESD Immunity : EN IEC 61000-4-2 Level 3 (±4 kV contact, ± 8 kV air)

EMI/EMC : EN IEC 61000-4-3, EN IEC 61000-6-3









www.ayrotec.com Rev:00 info@ayrotec.com Date: 05/24