

JRG-1A03

C81 Series Hall-effect Joystick

Single-axis / Forward-Reverse / Spring Return

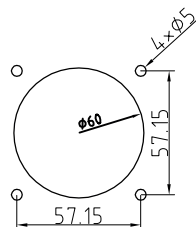
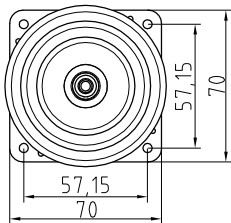


Single Hall sensor per axis
BWH top-mounted
Input voltage 5 Vdc, 10% – 90%
Voltage output (from Y- to Y+)
Rocker switch analogue output:
23% – 50% – 77% (from left to right)
6-pin D-sub connector
Fully compatible with GE101005

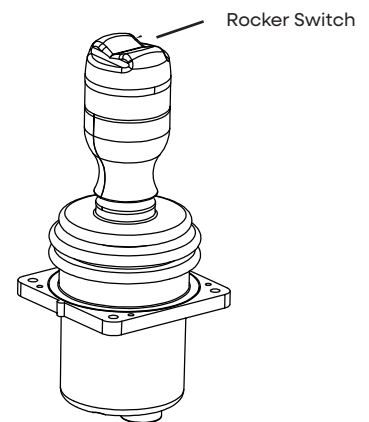
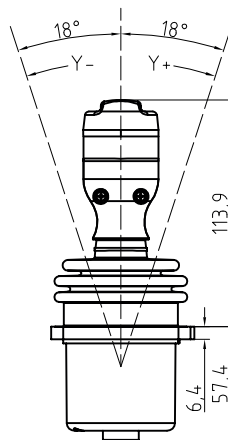
REFERENCE NUMBER	JRG-1A03
OEM NUMBER	GE-101005

1 DIMENSION DRAWINGS (mm)

INSTALLATION PANEL CUT-OUT DIAGRAM



Note : We recommend that customers install panels with a thickness of 4 mm or less.



2 SPECIFICATIONS



TECHNICAL SPECIFICATIONS

Angle of oscillation	±18°
Operating force	8~16N
Limiting force	300N
Service life	2 million times
Weight	Approximately 600g



ELECTRICAL SPECIFICATIONS

Sensor type	Hall-effect
Supply voltage	5±0.5Vdc
Supply current	<16mA
Median voltage	2.5V
Output voltage linearity error	±3%
Median voltage error	±3%



ENVIRONMENTAL SPECIFICATIONS

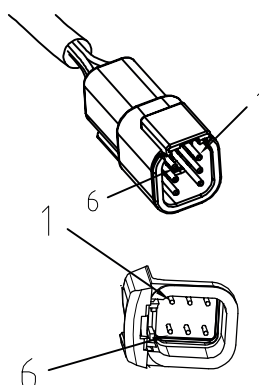
Operating temperature	-30°C ~ +70°C
Storage temperature	-40°C ~ +85°
Protection rating	IP65 (Above the installation panel)

3 CONNECTIONS & INSTALLATION

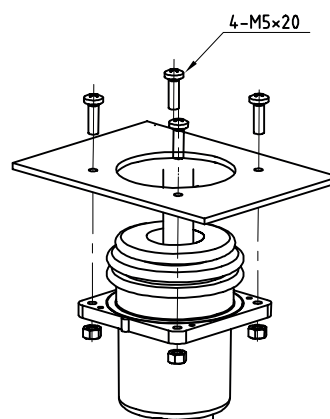
HANDLE WIRING (C81-GE101005)

PIN	WIRE COLOR	FUNCTION
1	Black	GND
2	Red	Vcc
3	-	-
4	Yellow	Y-out
5	Green	Toggle switch output
6	-	-

CONNECTOR LEAD



INSTALLATION DIAGRAM



DIRECTIONAL DIAGRAM

