

G56 MULTI-FUNCTION HANDLE



The G56 multi-function handle offers a high degree of flexibility with a selection of individually configurable front and rear insert plates. Available in a left or right-hand model, the G56 features an ergonomic shape and integrated hand rest for fatigue-free operation.



HIGHLY CONFIGURABLE



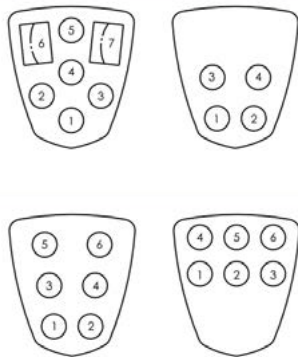
ERGONOMIC SHAPE



MODULAR DESIGN

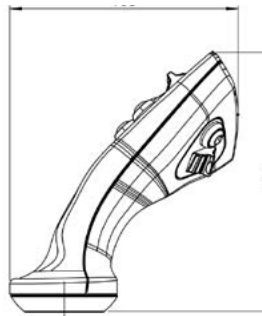
HANDLE OPTIONS

PG 2



DIMENSIONS

PG 3



DEVICE SPECIFICATIONS

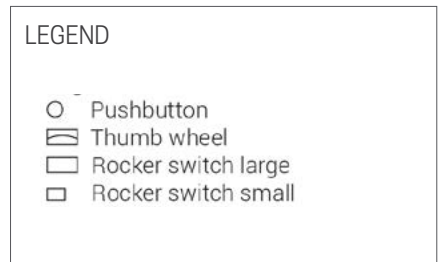
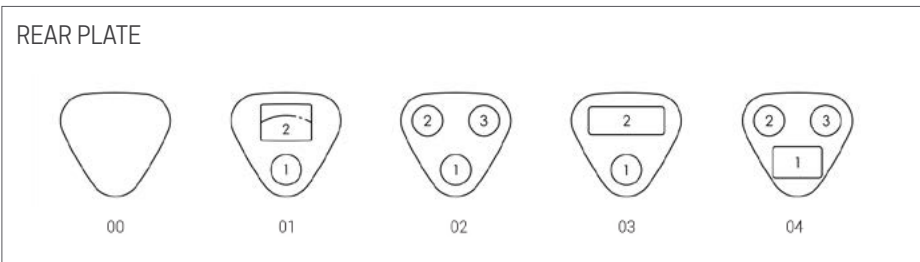
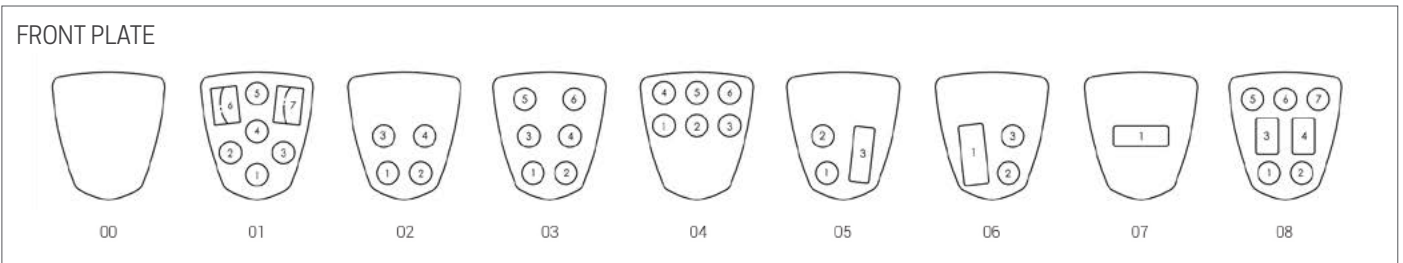
PG 4



MODELS




STANDARD DEVICE LAYOUTS*



DEVICE OPTIONS

PUSH BUTTONS

- Flush Push Button**
 - Extended Push Button
- 
- **Optional sealing boot available

THUMBWHEELS

- Spring Return, Hall-Effect Thumbwheel

ROCKER SWITCHES

- Maintained (0-1) Rocker Switch
- Maintained (1-0-1) Rocker Switch
- Momentary (0-1) Rocker Switch
- Momentary (1-0-1) Rocker Switch

HAND DETECTION SENSOR

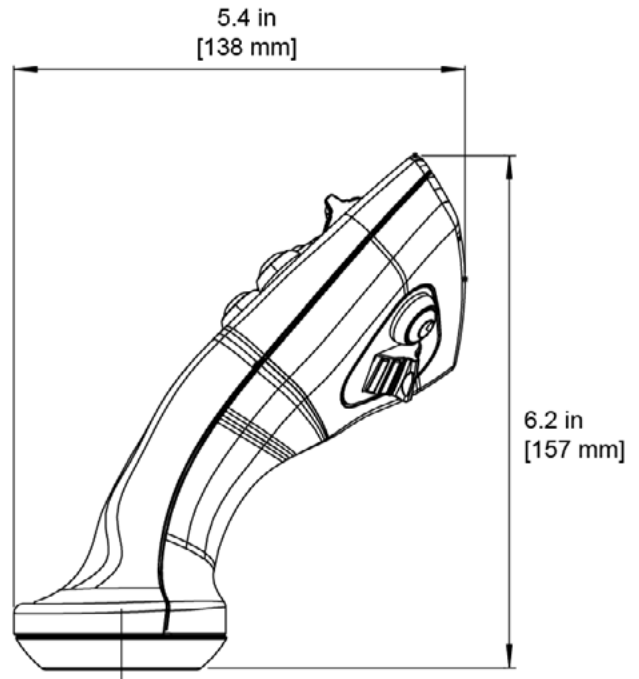
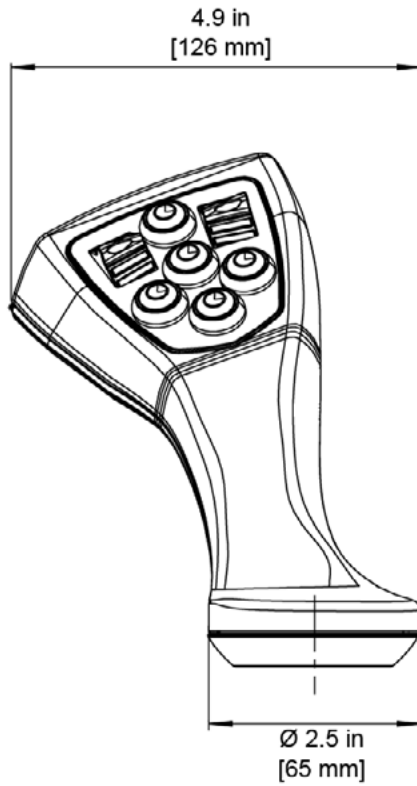
- Capacitive hand detection sensor

*Custom layouts available upon request.

Due to space restrictions, not all faceplate and rear plate combinations are achievable.

Total number of devices is dictated by how many wires will fit down the joystick shaft. See device specification page for more details.

DIMENSIONS



All dimensions in inches [mm] and are subject to change.

DEVICE SPECIFICATIONS*				
TYPE	CONTACT	RATING**	OPERATING TEMPERATURE	IP RATING
Push Buttons	1 NO	1 A 28 VDC	-40°F to 185°F (-40°C to 85 °C)	IP64 IP68S (w/ Sealing Boot)
Rocker Switches	1 NO (0-1) 1 NO, 1 NO (1-0-1)	6 A 125 VAC	-4°F to 221°F (-20°C to 105 °C)	IP40
Thumbwheel (Hall-Effect)	N/A	Supply: 5 VDC ± 0.50 VDC Output: 0.5 V to 4.5 V	-22°F to 158°F (-30°C to 70 °C)	IP68

WIRES PER DEVICE ***	
DEVICE	# OF WIRES
Push Buttons	1
Rocker Switches (0-1)	1
Rocker Switches (1-0-1)	2
Thumbwheel (Hall-Effect)	3

MAX WIRES PER SHAFT DIAMETER		
SHAFT DIAMETER	PRODUCTS	MAX. # OF WIRES
8 mm	All	8 wires
12 mm	VNS2, NNS0, HS2, NS3	16 wires

*Device specifications subject to change without notice.

**All handles wired with 24 AWG wire (rating is 3A max).

Wires run through a steel shaft, so should be limited to 30V AC/DC max.

***For configurations using a single common wire. If application requires individual common wires, device wire counts will increase for those devices.