

FG8 MULTI-FUNCTION HANDLE



The FG8 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 FG8 features an ergonomic shape and integrated hand rest for fatigue-free operation.



HIGHLY
CONFIGURABLE



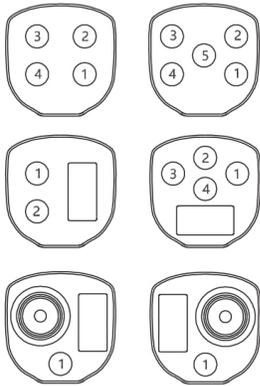
MODULAR
DESIGN



IP65
PROTECTION

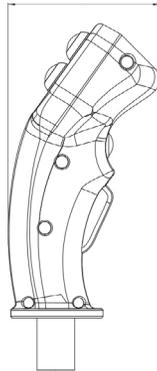
HANDLE OPTIONS

PG 2



DIMENSIONS

PG 3

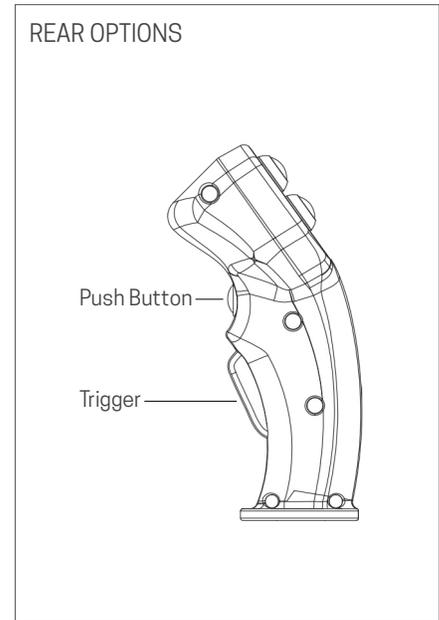
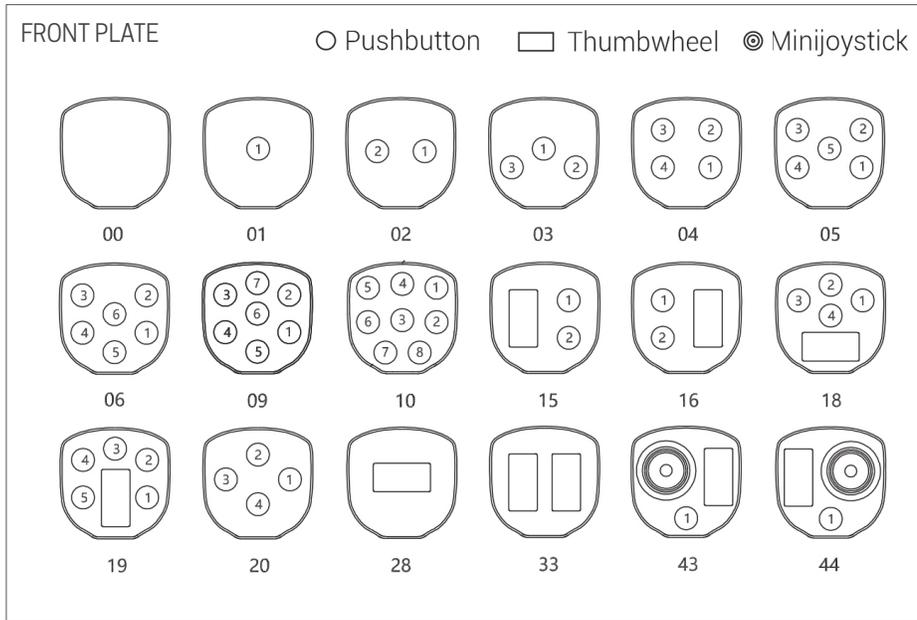


DEVICE SPECIFICATIONS

PG 4



STANDARD DEVICE LAYOUTS*



DEVICE OPTIONS

PUSH BUTTONS

- Flush Push Button**
- Extended Push Button



**Optional sealing boot available

THUMBWHEELS

- Spring Return, Hall-Effect Thumbwheel

MINIJOYSTICKS

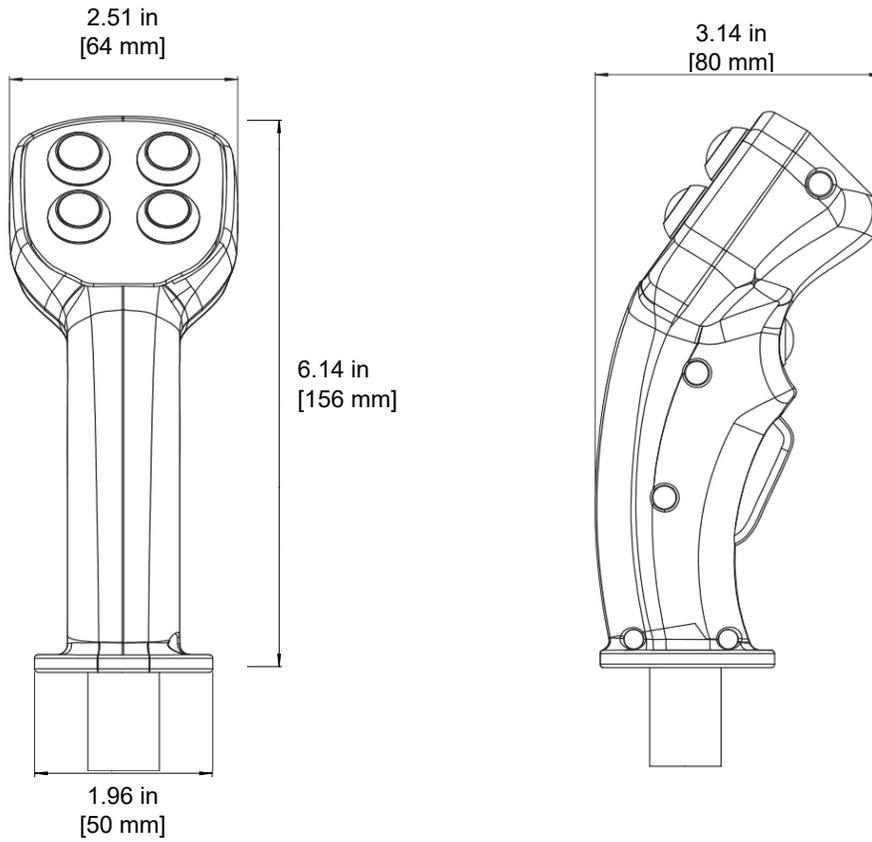
- 2-Axis, 1 NO Contact Per Direction
- 2-Axis, Hall-Effect

*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)
Thumbwheel (Hall-Effect)	N/A	Supply: 5 VDC ± 0.50 VDC Output: 0.5 - 2.5 - 4.5 VDC + 4.5 - 2.5 - 0.5 VDC Redundant (crossed)	-22°F to 158°F (-30°C to 70 °C)	IP67
Mini Joystick (Hall-Effect)	N/A	Supply: 5 VDC ± 0.50 VDC Standard Output: 0.5 - 2.5 - 4.5 VDC + 4.5 - 2.5 - 0.5 VDC Redundant (crossed) Optional Output: 0.5 - 2.5 - 4.5 VDC Non standard options may increase lead time.	-13°F to 158°F (-25°C to 70 °C)	IP67

WIRES PER DEVICE ****	
DEVICE	# OF WIRES
Push Buttons	1
Thumbwheel (Hall, Redundant)	4
Mini Joystick (Hall, Redundant)	4

MAX WIRES PER SHAFT DIAMETER		
SHAFT DIAMETER	PRODUCTS	MAX. # OF WIRES
8 mm	All	8 wires
10 mm 12 mm	CS3HD VNS2, NNSO, 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.