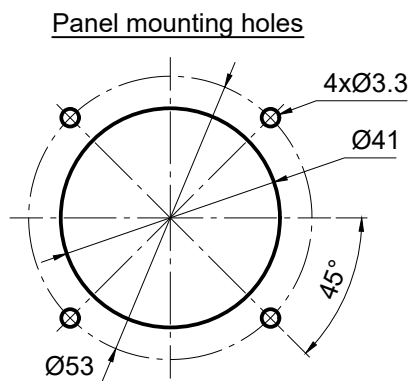
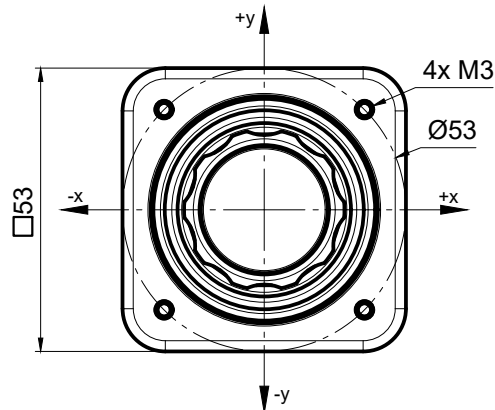
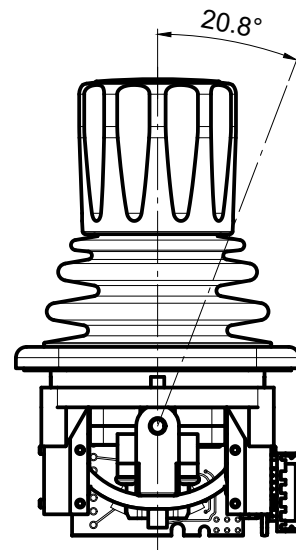
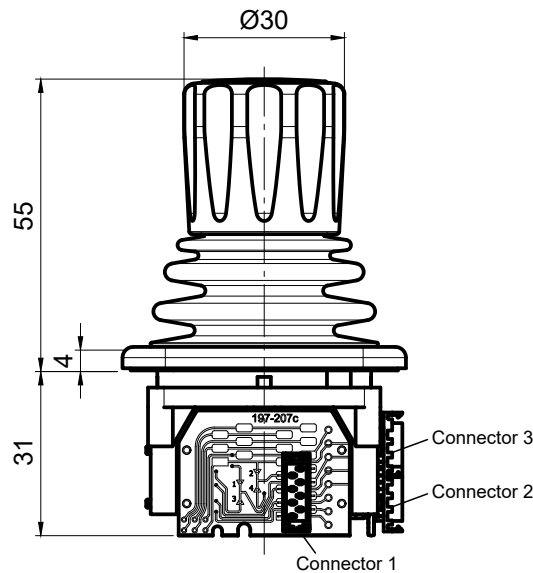
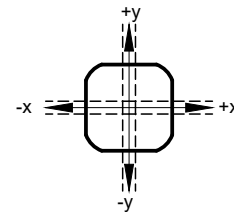
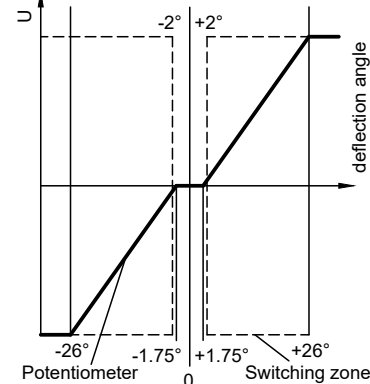




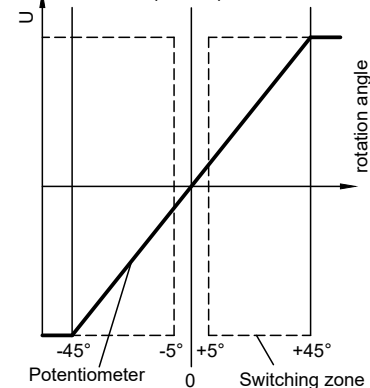
Gate
(Top view)



Output diagram
(x-, y-axis)



Output diagram
(z-axis)

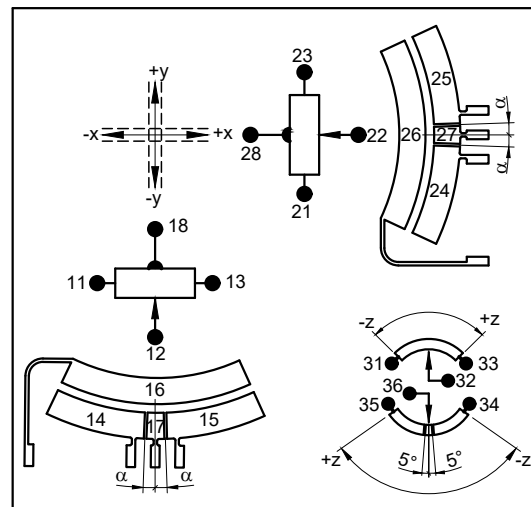
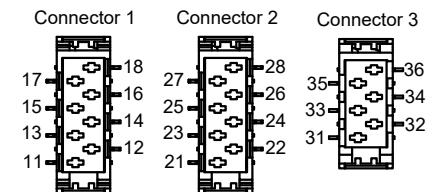


Description	
Joystick Type SK 197-0122	
Number of axes	3-axes, x-, y-, z-axis
Operation by	Winter twist handle
Connector	Micro-Match, Female-on-Board Connector 2x 8-poles: P/N: 338069-8 1x 6-poles: P/N: 338069-6
Cross guidance	soft
Center tab	±1.75°
Retaining spring	Middle, P/N: 60-112.03
Switch function	1-1-1 per axis
Switchpoint α	±2°
Mechanical detents	none

Electrical characteristics	
Resistance value	5 kOhm ± 20%
Power dissipation	0.2 Watt at 40°C per axis
Contact rating	Zero potential difference between segments 5 V DC, 5mA
Operating voltage	30V DC max.

Axes		Potentiometer	Switch function	
Direction	Colour/number	Center tab	Joystick in mid-position	
x-axis	↑ +x	13	15	open
	Wiper	12	18	16
	↓ -x	11	14	open
y-axis	↑ +y	23	25	open
	Wiper	22	28	26
	↓ -y	21	24	open
z-axis	+z	33	35	open
	Wiper	32	36	open
	-z	31	34	open

Pin assignment



Maßstab 1:1		Position -	Menge -
All dimensions in mm		Joystick	
197-0122c		Blatt -	
Blatt -		Blatt -	

Datum		Name	
Bearb.	21.10.22	Kiener M.	
Gepr.	11.10.23	SEB	
joysticks + sensors		Erlenstrasse 32	
CH-2555 Brugg		Switzerland	
+41 32 652 33 30		info@gtjoysticks.ch	
www.gtjoysticks.ch		www.gtjoysticks.ch	
c	AEN-25-007	17.07.26	DM
b	AEN-24-025	11.12.24	DM
a	AEN-24-010	25.04.24	MK FDM
Idx	Änderungen	Datum	B'arb. Gepr.



Joysticks AG

S:\Entwicklung\01_CAD-Daten\02_DWG\DWG_SK197\Typenzeichnungen\197-0122c.dwg