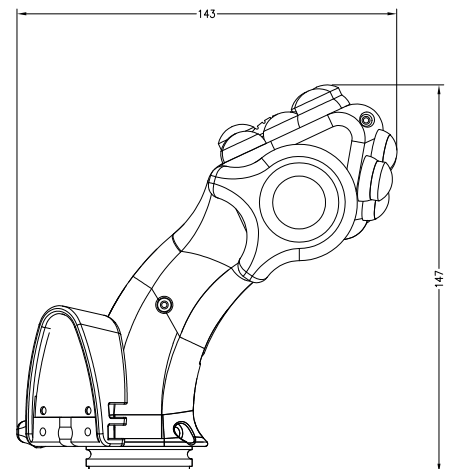
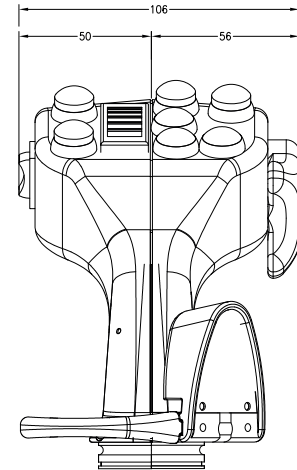
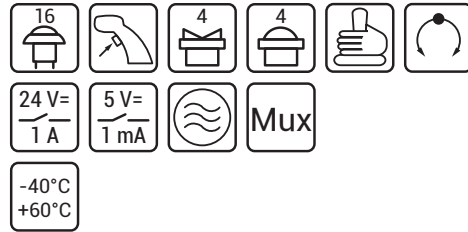


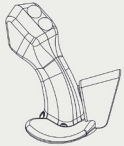
UGA

Offers countless combination possibilities.

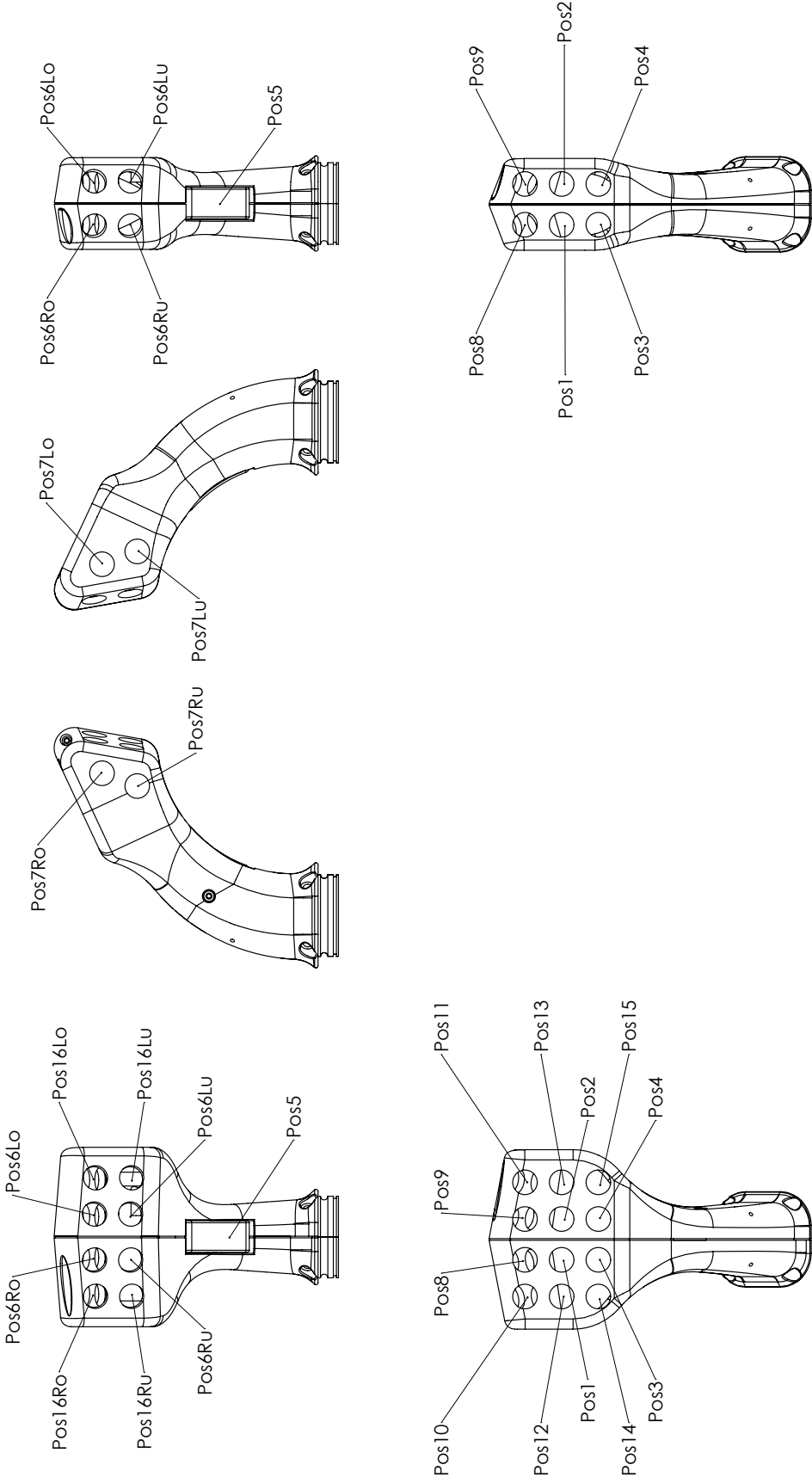


With its narrow and wide handle half-shells, the UGA offers a wide variety of combination possibilities and functions. You can customize your handle by selecting various devices, e.g. pushbuttons, rockers, thumbwheels, operator presence switch, capacitive hand detection sensor. Please note that not all installation po-

sitions can be filled simultaneously due to space limitations. Please consult the company staff for your specific configuration. This handle is also available with a hand rest for a low fatigue work environment. The UGA can also be combined with many of the joysticks in our product portfolio.

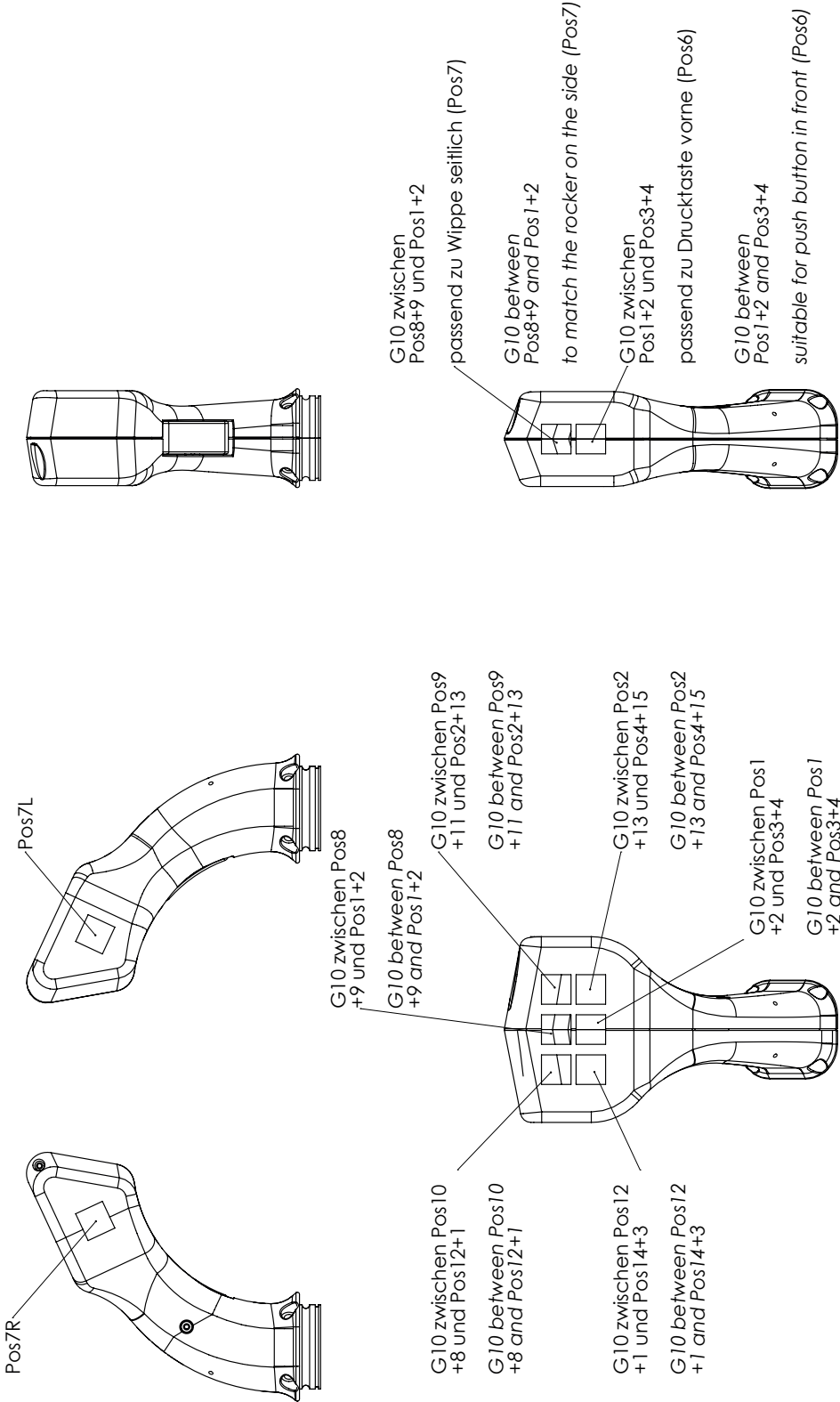
Version									
UGA Handle with left and right handle half-shell small version, without inserts, mounting adapter for Spobu joysticks with 8 or 12 mm handle shaft.									
UGAR Handle with right handle half-shell wide and left handle half-shell small, without inserts, mounting adapter for Spobu joysticks with 8 or 12 mm handle shaft.									
UGAL Handle with right handle half-shell small and left handle half-shell wide, without inserts, mounting adapter for Spobu joysticks with 8 or 12 mm handle shaft.									
UGARL Handle with left and right handle half-shell wide version, without inserts, mounting adapter for Spobu joysticks with 8 or 12 mm handle stem.									
Options									
Pushbuttons, rocker switches, hand detection sensor, minijoysticks, thumb wheels, potentiometer									
HR Hand rest right, adjustable in height (2 steps), upgradeable									
HL Hand rest left, adjustable in height (2 steps), upgradeable									
DM Rotation module for handle with HALL sensor, analogue output redundant, digital direction signals, deflection 25° - 0° - 25°, mounting between handle and joystick									
DP Handle rotatable, integrated potentiometer GDLR55with direction contacts.									
DM1 Handle rotatable, left-right, each direction 1NO 1NC									
SO Special adapter									
Type code:			UGA UGAL 8 UGAR 12 HL DP UGARL SO HR DM 1HSBU 2HSGN 3FSYE ...						
Type									
Adapter									
Hand rest									
Rotatable version									
Inserts with position, type and colour information									
Note: Installation positions see TI-UGA-... For reasons of space, not all installation positions can be used simultaneously Mounting on Spobu joysticks with 110 mm handle Degree of protection depending on the inserts Adapter: 8 = for joystick ST0, CS1-V, VCS0, VNS0 12 = joystick CS1-E, NNS0, VNS2, NS3, HS2 SO = special adapter, on request Notes on handle wiring and maximum number of cores, see sheet G-V.									
1) when mounted on Spobu joystick									

Einbauposition für Drucktasten P9 / Installation position for push buttons P9
Hinweis: Aus Platzgründen sind nicht alle Einbaupositionen gleichzeitig nutzbar.
Note: For reasons of space, not all installation positions can be used at the same time.



Einbauposition für Drehpotentiometer G10 / Installation position for rotary potentiometer G10

Hinweis: Aus Platzgründen sind nicht alle Einbaupositionen gleichzeitig nutzbar.
Note: For reasons of space, not all installation positions can be used at the same time.



Einbauposition für Wippschalter / -taster und Hall-Daumenräder (Typ WH, WHP, WHPA) / Installation position for rocker switches / buttons and Hall thumbwheels (type WH, WHP, WHPA)

Hinweis: Aus Platzgründen sind nicht alle Einbaupositionen gleichzeitig nutzbar.

Note: For reasons of space, not all installation positions can be used at the same time.

