

PXF1V2120-0001

26.09.2023

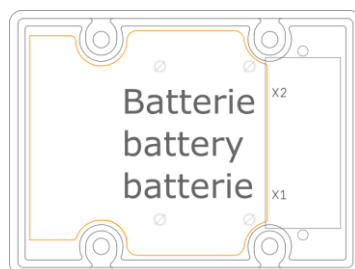
Input Device	Sign	Lens	Label
Pushbutton(SVAT)		T22RRGGN	

Technical data

Voltage supply	+3.6 V DC from internal battery
Max. current at 25°C	20 mA
Radio technology	sWave, 868,3 MHz (±300 KHz, EU, China)
Transmission power	max. 25 mW
Data rate	66,667 kbps
Range	open filed abt. 450 m, indoors abt. 40 m
Degree of protection	IP65
Operating temperature	-25°C ... 70°C
Storage temperature	-40°C ... 80°C
Approvals	CE, UL

Technical data battery

Type	Lithium thionyl chloride (Li-SOCl ₂), replaceable
Voltage	3.6 V
Capacity	1.5 Ah
Battery size	2/3 AA
Diameter	14.7 mm
Length	33.5 mm
Battery lifetime	abt. 6 years at 1 operation per minute
Activation time	min. 80 ms
Screw terminals	X1 = plus, X2 = minus



Battery change:

Unscrew the housing on the underside and carefully remove the cover. Loosen the battery from the terminals and remove it. Insert the new battery, making sure that the polarity is correct. Carefully replace the cover and retighten the screws to 0.4 ±0.1 Nm.

Enclosure PXO(1, 2, 3, 4)

Tightening torque (enclosure screws)	0.4 ±0.1 Nm (only for replacing the battery)
Tightening torque (mounting bracket)	0.7 ±0.1Nm (for countersunk screws acc. to DIN 7991/ISO 10642)
Colour	bottom part: dark grey, cover: black
Material	PA

Pushbutton ST, SVAT, SSWT

Contact type	NO
Operating travel	2.3mm
Mechanical life	1 million switching cycles
Electrical life	1 million switching cycles

Key switch SSSA15, SVASSA15, SSWSSA15

Switching function	maintained
Switching positions	2 (0°, 90° right)
Mechanical life	30.000 switching cycles
Electrical life	30.000 switching cycles

SSSA12, SVASSA12, SSWSSA12

Switching function	maintained
Switching positions	3 (90° left, 0°, 90° right)
Mechanical life	30.000 switching cycles
Electrical life	30.000 switching cycles

Selector switch SWA, SVAWA, SSWWA

Switching function	maintained
Switching positions	2 (45° left, 45° right)
Mechanical life	30.000 switching cycles
Electrical life	30.000 switching cycles

SWB, SVAWB, SSWWB

Switching function	maintained
Switching positions	3 (60° left, 0°, 60° right)
Mechanical life	30.000 switching cycles
Electrical life	30.000 switching cycles

Lens T22RRG(WS, RT, GN, BL, GB, SW)

Colour	white (WS), red (RT), green (GN), blue (BL), yellow (GB), black (SW)
Material	PA

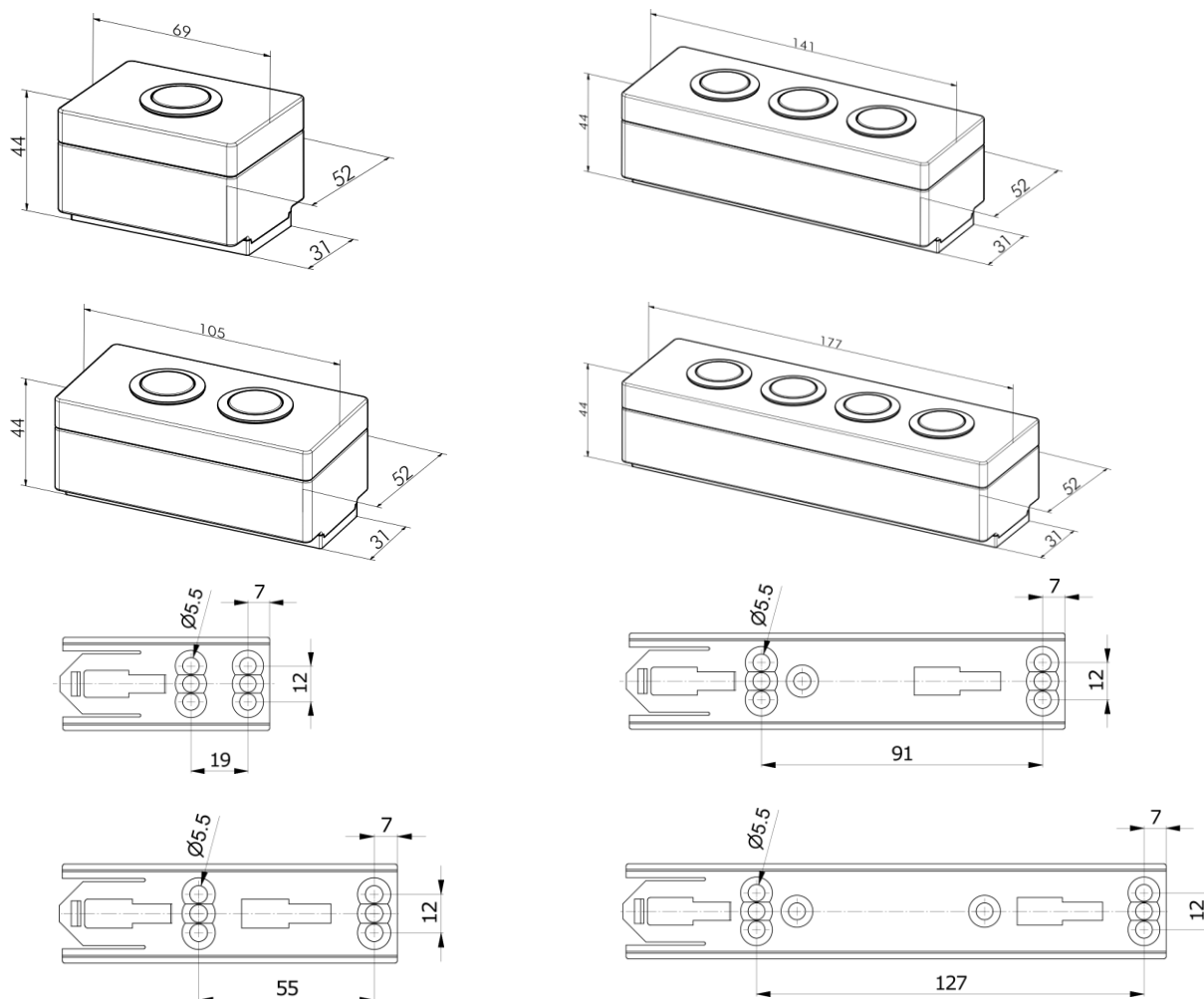
Marking tag PXABT

Colour	black
Material	PA

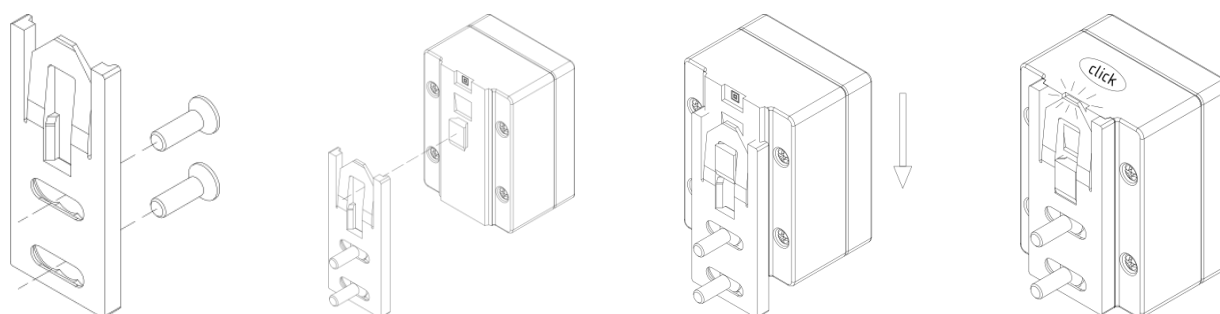
Additional information

Status indication red	indicates that the battery power is depleting and needs to be replaced promptly (regular flashing)
Transmitter/receiver	Each mounting position of the probboxx is for one transmitter with a unique ID, up to 40 transmitters can be taught in on the receiver. The transmitters can be assigned to the 4 channels (outputs) of the receiver as needed. Thus, several probboxx enclosures and can be operated with one receiver. For example, for 10 probboxx enclosures with 2 pushbuttons, the first pushbutton of each can be assigned to channel 1 and the second pushbutton of each to channel 2.

Dimensional drawings



Assembly



The mounting bracket is part of the delivery, the fixing material (screw, slot nuts) is not included. Please use M5 countersunk screws acc. to DIN 7991/ISO 10642 of appropriate length. The tightening torque for the screws to fix the mounting bracket is 0.7 ± 0.1 Nm.