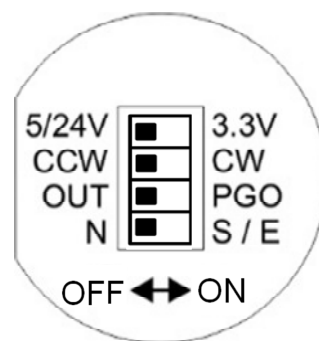


Operation of the Programming Interface ETA25PS



Pin-Assignment: Solder lugs, 5-PIN, Contact Spacing 2,54mm
1 = VSUP
2 = OUT
3 = GND
4 = n.c.
5 = n.c.

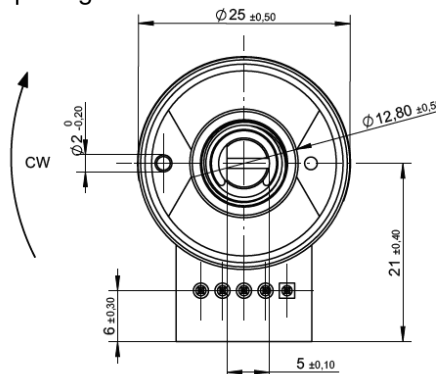


Function	Switch No.	DIP-Switch OFF	DIP-Switch ON
Supply voltage	1	5V (24V *)	3.3V
Sense of rotation	2	CCW	CW
Operating mode	3	OUT (measuring mode)	PGO (programming mode)
Programming input	4	N (inactive)	S / E (setting start / end position)

Programming Procedure:

A. Before you connect the supply voltage:

1. Configure DIP-Switch 1: Chose supply Voltage (5V (24V / 3.3V)). (*) In case that 24V supply voltage version was ordered it is not allowed to switch DIP switch 1 to 3.3V position.
2. Configure DIP-Switch 2: Chose sense of rotation (rising output signal in CW or CCW direction → please see drawing on the right hand)
3. DIP-Switches 3 and 4 must be set both in OFF-Position



B. Programming the start- and end position:

1. Connect power supply voltage
2. Switch DIP-Switch 3 to ON-Position (programming mode)
3. Put the shaft to start position and set DIP-Switch 4 for > 1s to ON and then back to OFF
4. Put the shaft to the end position and set DIP-Switch 4 for > 1s to ON and then back to OFF
5. Switch DIP-Switch 3 to OFF-Position (measuring mode)

READY

Please note:



- **The adjustment of the start- and end position by means of the DIP-Switch programming procedure can be proceed only once (OTP).**
- The change of the sense of rotation (CW / CCW) and the supply voltage (5V / 3.3V) can be changed several times (<500x).
- The programming switches 3 and 4 are out of function after programming.