Configuration

The device can be configured using the S1, S2, and S3 rotary switches.

S1 rotary switch: motor speed

8 configurable speeds

+/- 1 % accuracy

Motor stops at $U_S < 1.5$ V

Motorspeed

Switch setting	Speed signal U_S
0	3.96 V
1	4.78 V
2	5.61 V
3	6.44 V
4	8.50 V
5	9.63 V
6	10.00 V
7	7.26 V
8	reserved
9	reserved

S2 rotary switch: start / stop ramp and direction of rotation

5 configurable ramps.

Incline: constant, independent of terminal velocity.

Duration: The ramp duration defines the time from stationary to max. speed ($U_S = 10$ V) or from max. speed to stationary. When the terminal velocity is lower, the ramp duration is shorter.

Direction of rotation / direction of transportation

Switch setting	Direction of rotation U_D	Direction of transportation
0 ... 4	high, right	Zone 1 -> Zone 2
5 ... 9	low, left	Zone 2-> Zone 1

Start / stop ramp

Switch setting	Ramp duration[a]
0, 5	Ramp 1: no ramp[b]
1, 6	Ramp 2: 500 ms
2, 7	Ramp 3: 1000 ms
3, 8	Ramp 4: 1500 ms
4, 9	Ramp 5: 3000 ms

a. Stop -> V_{max} or V_{max} -> Stop

b. Default setting

S3 rotary switch: operating mode

> **i** **Note**
> The inactive zone synchronizes its motor output with the active zone.

Operating mode

Switch setting	Mode	Upstream zone
0	Standard ZPA	active
1	Enhanced ZPA	active
2	Standard ZPA	inactive
3	Enhanced ZPA	inactive
4	Transportation	active
5	Long Zone	inactive
6	Direct Control	active
7	Direction Control	inactive
8	Secondary	inactive
9	reserved	-

Refer to "General Notes Relating to Pepperl+Fuchs Product Information"

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