

## RO28A configuration sheet (25 pcs and more)

**Company:**

**Name:**

**Please note:**

**Not every combination is possible.**

**Please refer to following table:**

Housing type	Resolution	Supply voltage	output
RO28	12	5V	0-5V, ratiom.
RO28	12HS	5V	0-5V, ratiom.
RO28	12	12V (9-30V)	0-5V
RO28	12HS	12V (9-30V)	0-5V
RO28	12	24V (15-30V)	0-5V, 0-10V
RO28	12HS	24V (15-30V)	0-5V, 0-10V
RO28	12	12V, 24V (8-30V)	4-20mA
RO28	12HS	12V, 24V (8-30V)	4-20mA
RO28	12	12V, 24V (8-30V)	0-20mA
RO28	12HS	12V, 24V (8-30V)	0-20mA

### 1. Resolution and update rate:

- 12 (12bit, update rate 1 ms)
- 12HS (12bit, update rate 0,2 ms)

### 2. Supply voltage

- 5 VDC
- 12 VDC (8/9-30V)
- 24 VDC (15-30V)

### 3. Output signal

- 5V ratiometric (for 5V supply)
- 0-5V (for 12V or 24V supply)
- 0-10V (for 24V supply)
- 4-20mA (for 12V or 24V supply)
- 0-20mA (for 12V or 24V supply)
- OTHER (please specify)  
(for example 0,5-4,5V)

### 4. Signal direction

- CW (clockwise) (standard)
- CCW ( counter clockwise)

### 5. Angle

- 360° (standard)
- 20° to 360°

## 6. Angle, signal direction and shape (if angle other than 360°)

Following variations of the output signal are possible. Please define the direction (cw, ccw), the angle (degree), the length of the high plateau (degree) and the length of the low plateau (degree).

If you need a different shape, which you cannot find in the following table please consult us.

	<p><u>CW</u></p> <p>Angle: (degree)</p> <p>length of the high plateau: (degree)</p> <p>length of the low plateau: (degree)</p>
	<p><u>CCW</u></p> <p>Angle: (degree)</p> <p>length of the low plateau: (degree)</p> <p>length of the high plateau: (degree)</p>

	<p><b><u>EXAMPLE: CW</u></b></p> <p><b>Angle:</b>  <b>270 (degree)</b></p> <p><b>length of the high plateau:</b>  <b>45 (degree)</b></p> <p><b>length of the low plateau:</b>  <b>45 (degree)</b></p>
	<p><b><u>EXAMPLE: CW</u></b></p> <p><b>Angle:</b>  <b>270 (degree)</b></p> <p><b>length of the high plateau:</b>  <b>90 (degree)</b></p> <p><b>length of the low plateau:</b>  <b>0 (degree)</b></p>
	<p><b><u>EXAMPLE: CW</u></b></p> <p><b>Angle:</b>  <b>270 (degree)</b></p> <p><b>length of the high plateau:</b>  <b>0 (degree)</b></p> <p><b>length of the low plateau:</b>  <b>90 (degree)</b></p>