

LA 270 angular sensor

This sensor supplies an analogue signal proportional to an angular position.

- Very low drive couple of the axis (0.002 Ncm)
- No cursor (thus no wear or interference)
- Built-in electronics
- Clockwise or anti-clockwise selection
- 2-wire or 3-wire model
- Delivered with 2 mounting clips



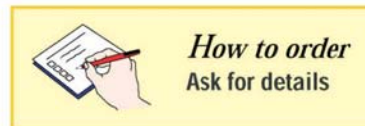
Designation	LA 270 - 2 wires (1 model)	LA 270 - 3 wires (6 models)
Measuring range (see remarks below)	0...50 / 100° 0...100 / 200° 0...145 / 290°	0...60 / 270° 0...50 / 100° 0...270° ±10 %
Linearity	< 1 % (option < 0.5 %)	< 1 % (option < 0.5 %)
Resolution	infinite	infinite
Output	4...20 mA	0...20 mA or 4...20 mA
Max angular speed	2000°/s	2000°/s
Power supply	14...30 Vdc	24 Vdc ±10 %
Environmental conditions	-20...+60°C	
Protection index	IP 20 (case IP 65 on demand)	
Dimensions / weight	Ø 31.3 x 47.5 mm / 40 g approx.	
Axis	Ø 6 x 15 mm (Ø 1.6 x 4 mm on demand)	

Remarks on the measurement range

2-wire model : the 3 measurement ranges are selected using jumpers inside the sensor.

3-wire model : the measurement range is set during manufacture and thus must be specified when ordered as can the output range and the rotation direction.

0...50 / 100° : means that full scale is adjustable between 50° and 100°. The user has access to this adjustment.



How to order
Ask for details