

DATA SHEET | ENGLISH



DIMENSION DRAWING

ELECTRICAL CONNECTION

Pin	M12x1
1	Ub+
2	OUT 2
3	0V
4	OUT 1
5	n/c

General data

Display: 4 cross line LED's (green); 3 digit LED Display (programming support and angle display)

Protection class rating: IP68

Programming options

Outputs: axis freely selectable for each output; start and end value of the analog signal

Extended functions: reset; reset zero point; mounting direction; screen lock; LEDs/display off; display rotation

Measured value: damping

Ordering information

Article number	Adjustment range
50802010	-10°...+10°
50802045	-45°...+45°
50802085	-85°...+85°

Mechanical data

Material housing: Aluminum die-cast

Weight: 200 g

Electrical data

Electrical connection: M12x1, 5-pole

Operating voltage: 9...30 VDC

Current consumption: < 30 mA

Short-circuit / reverse polarity protection: yes / yes

Output signal: 2x 4...20 mA

Accuracy

Repeatability of sensor typ.: 0.03° or 0,1%

Resolution output: 0.02°

Resolution display / settings: 0,1°

Temperature drift at 0°: 0.01°/°C for -20°...+25°...+60°C

Long-term stability: approx. 0,03°/a

Linearity typ.: ± 0,2%

Operating conditions

Operating temperature: -25°...+80°C

Active tilting direction