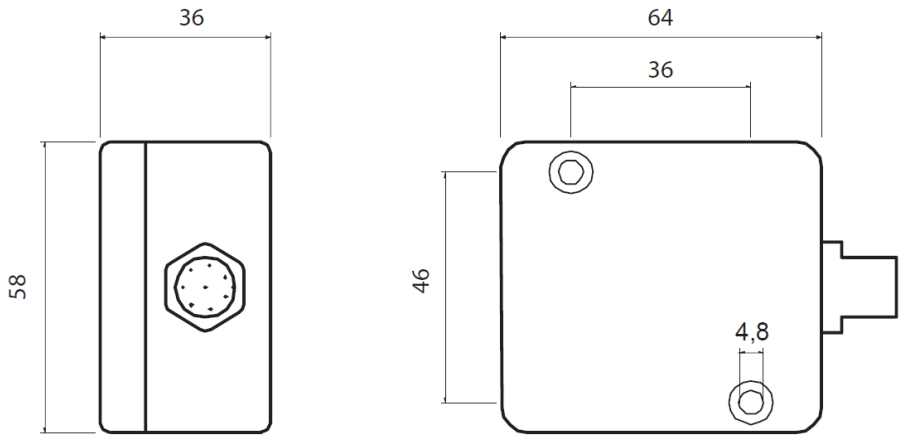


DATA SHEET | ENGLISH

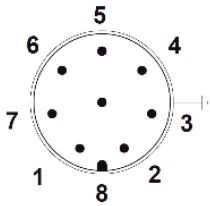


DIMENSION DRAWING



ELECTRICAL CONNECTION

Pin	M12x1
1	nc
2	+Ub
3	OUT1
4	OUT2
5	OUT3
6	OUT4
7	0 V
8	nc



General data

Display 1 status LED each output (red); 4 cross line LED's (green); 3 digit LED Display (programming support and angle display)

Protection class rating

Programming options

Outputs axis freely selectable for each output; switching/reset points; hysteresis/window mode; normally closed/ normally open contact; switch-on/switch-off delay

Extended functions reset; reset zero point;

Display mounting direction; screen lock; LEDs/display off; display rotation

Measured value damping

Ordering information

Article number	Adjustment range
50752010	-10°...+10°
50752045	-45°...+45°
50752085	-85°...+85°

Mechanical data

Material housing Aluminum die-cast

Weight 200 g

Electrical data

Electrical connection M12x1, 8-pole

Operating voltage 9...30 VDC

Current consumption < 30 mA

Short-circuit / reverse polarity protection yes / yes

Output signal 4x PNP

Output voltage approx. Ub -1.5 V

Max. output current max. 500 mA each output

Output function NO / NC (programmable)

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

