

DATA SHEET | ENGLISH



DIMENSION DRAWING

ELECTRICAL CONNECTION

Pin	M12x1
1	nc
2	OUT Y-
3	nc
4	OUT Y+
5	0 V
6	OUT X-
7	Ub+
8	OUT X+

General data

Display: LED 1...4: Programming and status display

Setting options: Switching angle X-Axis (0.5°...45°)*; Switching angle Y-Axis (0.5°...45°)*; Hysteresis (0.1°...2° with potentiometer); Inertia / limit frequency (5...0.2 sec / 0.2...5 Hz)

Protection class: IP67

MTTF (40°C): 1101 years

Ordering information

Article number	Description
50200007	X/Y-Axis, 4x OUT, NO (Normally Open), Connector
50200008	X/Y-Axis, 4x OUT, NC (Normally Closed), Connector

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 or NC

Accuracy

Switching accuracy: ±0.05° + 1% of the switching angle

Resolution sensor: 0.025°

Calibration precision (25°C): ±0.05°

Operating conditions

Operating temperature: -25°...+80°C

Active tilting direction / Setting options

P1 - Hysteresis

P2 - Cut-OFF Frequency 0,2...5Hz

P3 - not connected

LED 1...4 :

1	2	3	4
+X	-X	+Y	-Y

0,1° P1 2°

0,2 s (5 Hz) P2 5 s (0,2 Hz)

* symmetrical to the zero position