



ROTAXYS 360 SAMPLE HANDLING MODULE

DESCRIPTION

Due to its compact design and outstanding performance the rotAXYS is ideally suited for a broad range of automatization tasks. The rotAXYS 360 is a precise and positioning module with an outstanding travel range of 360° on a small footprint.



POSITIONING PERFORMANCE

With our rotAXYS provides you with immense automation possibilities, be it a precise positioning of various tools, an automated sampling of fluids (up- and downstream) or a parallel processing of multiple trays. The fast-moving speed and the 10 cm lifting height of the cantilever enable unexpected automation of your processes.



MOTION PERFORMANCE

Turning Axis	Travel Range	360°
	Max. Speed	292° /s
	Repeatability	0.5 mm / 0.13°
Radial Axis	Travel Range	159 mm
	Max. Speed	175 mm/s
	Repeatability	0.5 mm
Lifting Axis	Travel Range	100 mm
	Max. Speed	73 mm/s
	Repeatability	0.2 mm

MECHANICAL DATA

Weight.....	6 kg
Dimensions (L x W x H).....	171 x 120 x 224 mm
Lifting Height.....	100 mm
Max Load Tool Holder.....	100 g

ENVIRONMENT

Operating Temperature.....	-10 – 45 °C
Storage Temperature.....	-10 – 45 °C
Operating Humidity.....	20 – 80 %, non-condensing
Storage Humidity.....	20 – 80 %, non-condensing

ELECTRICAL DATA

Peak Power Consumption.....	48 W
Power Supply Voltage (Input).....	24 V DC

INTERFACES

CAN.....	max. 1 Mbit/s
I/O Port (12 Pin).....	12 bit



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NOTES
