

Rotary gripper module EHMD-40-RE-GE-16

Part number: 8099502

FESTO



Data sheet

Feature	Value
Motor type	Stepper motor
Electrical connection 1, connection type	Plug
Gripper function	Parallel
Electrical connection 1, connection technology	Connection diagram F1
Information on nominal motor current	0.5 A for gripper actuator
KC characters	KC EMC
Certification	RCM compliance mark
Homing	Rotation: encoder index Gripping: fixed stop block
Max. output torque	0.3 Nm
Number of gripper jaws	2
Maximum torque on gripper jaw, Mx static	1.5 Nm
Maximum torque on gripper jaw, My static	1.5 Nm
Maximum torque on gripper jaw, Mz static	1.5 Nm
Stroke per gripper jaw	15 mm
Controllable stroke range per gripper jaw	0 mm ... 15 mm
Gripping force per gripper jaw	3 N ... 14 N
Size	40
Rotation angle	Infinite
Type code	EHMD
Mounting position	Any
Design	Electric rotary actuator Electric gripper
Position sensing	Rotation: motor encoder Gripping: motor encoder
Rotor position sensor	Incremental encoder
Rotor position sensor interface	RS422 TTL A/B channels + zero index
Rotor position sensor measuring principle	Optical
Max. output speed	240 1/min
Duty cycle	100%
Insulation protection class	B
Motor nominal current	0.9 A
DC nominal voltage	24 V
CE marking (see declaration of conformity)	As per EU EMC directive As per EU RoHS directive
Storage temperature	-20 °C ... 70 °C
Relative air humidity	0 - 85 %

Feature	Value
Degree of protection	IP20
Ambient temperature	0 °C ... 40 °C
Product weight	724 g
Type of mounting	With dovetail slot
Note on materials	Contains paint-wetting impairment substances RoHS-compliant
Cover material	PA-reinforced
Housing material	Wrought aluminum alloy, anodized