

# Electric actuator EPCO-40- -

Part number: 1472887

FESTO



## Data sheet

Feature	Value
Size	40
Stroke	50 mm...400 mm
Stroke reserve	0 mm
Reversing backlash	0,1 mm
Step angle with full step	1.8 deg
Step angle tolerance	±5%
Max. angle of rotation of the piston rod +/-	1 deg
Mounting position	Any
Motor type	Stepper motor
Structural design	Electric actuator with ball screw drive
Spindle type	Ball screw drive
Max. acceleration	10 m/s <sup>2</sup>
Repetition accuracy	±0.02 mm
Duty cycle	100%
Insulation protection class	B
Nominal operating voltage DC	24 V
Motor nominal current	4.2 A
Certification	RCM compliance mark c UL us - Recognized (OL)
CE marking (see declaration of conformity)	As per EU EMC directive As per EU RoHS directive
UKCA marking (see declaration of conformity)	To UK instructions for EMC To UK RoHS instructions
Corrosion resistance class (CRC)	1 - Low corrosion stress
LABS (PWIS) conformity	VDMA24364 zone III
Storage temperature	-20 °C...60 °C
Relative air humidity	0 - 85 % Non-condensing
Degree of protection	IP40
Ambient temperature	0 °C...50 °C
Impact energy in the end positions	0.0004 J
Electrical connection technology	Plug

Feature	Value
Type of mounting	With internal thread With accessories
Note on materials	RoHS-compliant
Cover material	Wrought aluminum alloy Smooth anodized
Housing material	Wrought aluminum alloy Smooth anodized
Piston rod material	High-alloy stainless steel
Spindle nut material	Steel
Spindle material	Roller bearing steel
Material of cylinder barrel	Wrought aluminum alloy Smooth anodized