

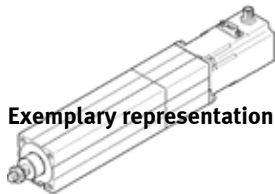
electric cylinder

EPCO-16- -

Part number: 1476585
Product to be discontinued

FESTO

Mechanical linear drive with piston rod and fixed stepper motor.
Type to be discontinued. Available until 2025. See Support Portal for alternative products.



Exemplary representation

Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Size	16
Stroke	50 ... 200 mm
Stroke reserve	0 mm
Reversing backlash	0.1 mm
Stepper angle at full step	1.8 deg
Stepper angle tolerance	±5 %
Max. angular deflection of piston rod +/-	2 deg
Assembly position	Any
Motor type	Stepper motor
Design structure	Electric cylinder With ball screw
Spindle type	Ball screw
Max. acceleration	10 m/s ²
Repetition accuracy	±0,02 mm
Duty cycle	100 %
Insulation protection class	B
Nominal operating voltage DC	24 V
Nominal motor current	1.4 A
Authorisation	RCM Mark c UL us - Recognized (OL)
CE mark (see declaration of conformity)	to EU directive for EMC in accordance with EU RoHS directive
UKCA marking (see declaration of conformity)	To UK instructions for EMC To UK RoHS instructions
Corrosion resistance classification CRC	1 - Low corrosion stress
PWIS conformity	VDMA24364 zone III
Storage temperature	-20 ... 60 °C
Relative air humidity	0 - 85 % non-condensing
Protection class	IP40
Ambient temperature	0 ... 50 °C
Impact energy in end positions	0.0001 J
Bending radius, fixed cable installation	≥ 60 mm
Electrical connector system	Plug
Mounting type	with internal (female) thread with accessories
Materials note	Conforms to RoHS
Material cover	Wrought Aluminium alloy Smooth anodised
Material housing	Wrought Aluminium alloy

Feature	Value
	Smooth anodised
Material piston rod	High alloy steel, non-corrosive
Material spindle nut	Steel
Material spindle	Roller bearing steel
Material cylinder barrel	Wrought Aluminium alloy Smooth anodised