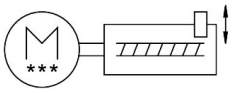
Stopper cylinder
EFSD-100-PV-M12

Part number: 2942447





Data sheet

Feature	Value
Structural design	Electric stopper cylinder
Size	100
Mounting position	Any
Position sensing	With Hall sensor
Corrosion resistance class (CRC)	1 - Low corrosion stress
Ambient temperature	-10 °C...60 °C
Storage temperature	-20 °C...60 °C
Relative air humidity	0 - 95% Non-condensating
Cushioning length	18.2 mm
Product weight	985 g
Max. cycle rate	0.33 Hz
Type of mounting	With mounting kit
Retracting time	0.3 s
Advancing time	0.2 s
Permissible lateral force during switching operation	100 N
Certification	RCM compliance mark
Note on materials	RoHS compliant
LABS (PWIS) conformity	VDMA24364 Zone III
Cover material	PA PA-reinforced
Seals material	NBR
Housing material	Wrought aluminum alloy, hard-anodized
Piston rod material	high-alloy stainless steel
Material of screws	Coated steel
Max. current consumption	2 A
Nominal operating voltage DC	24 V
Permissible voltage fluctuations	+/-15%
Motor type	Stepper motor
KC characters	KC-EMV
CE marking (see declaration of conformity)	As per EU EMC directive
UKCA marking (see declaration of conformity)	To UK instructions for EMC

Feature	Value
Degree of protection	IP40
Max. cable length	30 m
Ready status indication	LED
Actuator electrical connection, connection type	Plug
Actuator electrical connection, connection technology	M12x1 A-coded as per EN 61076-2-101
Electrical connection, actuator, number of pins/wires	5
Electrical connection actuator, max. current consumption	1.4 A
Electrical sensor connection, connection type	Plug
Electrical sensor connection, connection technology	M12x1 A-coded as per EN 61076-2-101
Sensor electrical connection, number of pins/wires	5
Electrical connection sensor, max. current consumption	0.3 A