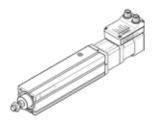
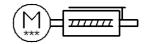
electric cylinder unit EPCS-BS-60-500-5P-A-ST-M-H1-PLK-AA Part number: 8118295







Data sheet

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ric cylinder
ball screw
integrated drive
screw
plain-bearing guide
d stop block positive
l stop block negative
rence switch
lute single turn encoder
netic
down at over-temperature
grated precise CMOS temperature sensor with analogue output
interface
grated end-position sensing
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x1, T-coded as per EN 61076-2-111



Feature	Value
Power supply, number of pins/wires	4
Authorization	RCM Mark
KC mark	KC-EMV
CE symbol (see declaration of conformity)	according to EU-EMV guideline
	in accordance with EU RoHS directive
UKCA marking (see declaration of conformity)	To UK instructions for EMC
	To UK RoHS instructions
Vibration resistance	Transport application test with severity level 1 as per FN 942017-4 and
	EN 60068-2-6
Shock resistance	Shock test with severity level 1 in accordance with FN 942017-5 and EN
	60068-2-27
Corrosion resistance classification CRC	0 - No corrosion stress
PWIS conformity	VDMA24364 zone III
Cleanroom class	ISO class 9
Storage temperature	-20 60 °C
Relative air humidity	0 - 90 %
	non-condensing
Protection class	IP40
Safety class	
Ambient temperature	0 50 °C
Note on ambient temperature	Above an ambient temperature of 30 °C, the power must be reduced
Mary Assessed Mary	by 2% per K.
Max. torque Mx	O Nm
Max. torque My Max. torque Mz	6.4 Nm
Max. radial force at drive shaft	6.4 Nm 230 N
Max. feed force Fx	900 N
Reference value for working load, horizontal	120 kg
Reference value for working load, nonzontal	46 kg
Maintenance interval	Life-time lubrication
Moving mass with 0 mm stroke	305 g
Additional mass factor per 10 mm of stroke	6.5 g
Product weight	5,744 g
Basic weight for 0 mm stroke	2,294 g
Additional weight per 10 mm stroke	69 g
Number of 24 V DC digital logic outputs	2
Number of digital logic inputs	2
Specification, logic input	Based on IEC 61131-2, type 1
Logic input working range	24 V
Logic input characteristics	configurable
	Not electrically isolated
IO-Link, SIO mode support	Yes
IO-Link, protocol	Device V 1.1
IO-Link, communication mode	COM3 (230.4 kbd)
IO-Link, port type	A
IO-Link, number of ports	1
IO-Link, process data width OUT	2 Byte
IO-Link, process data content OUT	Move in 1 bit
	Move out 1 bit
	Quit Error 1 bit
IO Liely and a second data of the IV	Move Intermediate 1 bit
IO-Link, process data width IN	2 Byte
IO-Link, process data content IN	State In 1 bit
	State Out 1 bit State Move 1 bit
	State Move 1 bit State Device 1 bit
	State Device 1 bit State Intermediate 1 bit
IO-Link Service data contents IN	32 bit Force
IO-Link, Service data contents IN	32 bit Position
	32 bit Speed
IO-Link, minimum cycle time	1 ms
io Link, minimum cycle time	1 1113



Feature	Value
IO-Link, data memory required	0.5 Kilobyte
Max. line length	15 m outputs
	15 m inputs
	20 m with IO-Link operation
Switching logic, outputs	NPN (negative switching)
	PNP (positive-switching)
Input circuit logic	NPN (negative switching)
	PNP (positive-switching)
Logic interface, connection type	Plug
Logic interface, connection technology	M12x1, A-coded in accordance with EN 61076-2-101
Logic interface, number of poles/wires	8
Logic interface, connection pattern	00992264
Mounting type	with internal (female) thread
	with accessories
Materials note	Conforms to RoHS
Material housing	Smooth-anodised wrought aluminium alloy
Material piston rod	High alloy steel, non-corrosive
Material spindle nut	Steel
Material spindle	Roller bearing steel