

LPE 4310 C with stepping motor

Linear positioning system



Special features

- highly integrated solution leading to decentralized intelligence
- complete solution including motor, gear, controller, absolute measuring system and CAN bus interface
- galvanic separation between control unit and power section
- sturdy construction
- very high degree of positioning accuracy

Technical data

nominal positioning power	1000 N
self-holding power	1000 N
upstroke speed	20 mm/s
nominal power output	20 W (30 % OT, basis time: 10 min)
nominal voltage	24 VDC \pm 25 %
nominal current, motor	3 A
nominal current, electronic components of control unit	0.1 A
positioning accuracy	\pm 0.05 mm
upstroke	75 mm (others available upon request)
interface	CANopen
shock resistance acc. to DIN IEC 68-2-27	50 g 11 ms
vibration resistance acc. to DIN IEC 68-2-6	10...55 Hz 1.5 mm / 55...1000 Hz 10 g 10...2000 Hz 5 g
testing	CE
piston	adapter M 12 x 1.25
maximum axial thrust	1000 N
maximum radial force	100 N
ambient temperature	0...45 °C
storage temperature	-10...70 °C
protection class	IP 54
weight	4500 g

Order key

LPE 4310 C

accessories

mating connector

9601.-0064

