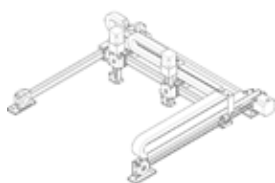


3-dimensional gantry

EXCL-15-200-300-Z1-100-GF-ST-R-1-EK-M6-AN

Part number: 8184925
New

FESTO



Data sheet

| Feature | Value |
|--|---|
| Size | 15 |
| Stroke in X direction | 200 mm |
| Stroke in Y direction | 300 mm |
| Stroke of the Z-axis 1 | 100 mm |
| Controller operating mode | P position controller Direct mode Synchronised operating modes Homing Open-loop operation |
| Operating mode | Micro step, >4000 step/U |
| Adjustable current reduction | Using software |
| Assembly position | Horizontal |
| Protective function | Voltage failure detection Software end-position detection |
| Design structure | 3D gantry system |
| Type of interpolation | Linear interpolation |
| Motor type | Stepper motor |
| Position mode | Position directly transferred |
| Display | LED green/yellow/red |
| Nominal current adjustment | Using software |
| Max. acceleration | 1 m/s ² |
| Max. speed | 0.5 m/s |
| Repetition accuracy | ±0,1 mm |
| Duty cycle | 100 % |
| Nominal DC voltage, logic power supply | 5 V |
| Nominal voltage, load supply DC | 24 V |
| Parameters configuring interface | Ethernet |
| Position control | Yes |
| Ethernet, supported protocols | FTP TCP/IP |
| Permissible range, logic voltage | ± 10 % |
| KC mark | KC-EMV |
| CE mark (see declaration of conformity) | to EU directive for EMC |
| UKCA marking (see declaration of conformity) | To UK instructions for EMC |
| PWIS conformity | VDMA24364 zone III |
| Storage temperature | -10 ... 60 °C |
| Relative air humidity | 0 - 90 % |
| Sound pressure level | 65.8 dB(A) |
| Protection class | IP10 |
| Ambient temperature | 10 ... 40 °C |
| Motor holding torque | 0.5 ... 1.4 Nm |
| Max. process force in Z direction | 15 N |
| Feed constant of the X-axis | 64 mm/U |
| Feed constant of the Y-axis | 37.7 mm/U |
| Feed constant of the Z-axis | 5 mm/U |
| Product weight | 5,450 g |
| Process interface | Drives with positioning function |
| Communication interface, logic | Ethernet - TCP/IP |
| Mounting type | With female thread M3 |
| Materials note | Conforms to RoHS |