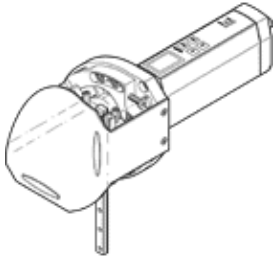


Handling module HSW-10-AE-IO-SD

Part number: 540252

FESTO

Pick and Place for repositioning parts at a 90° angle, with motor unit, I/O connection and protective cover.



Data sheet

| Feature | Value |
|---|--|
| Working stroke | 9 ... 15 mm |
| Size | 10 |
| Max. linear stroke at 90° swivel angle | 90/90 mm |
| Z stroke | 80 ... 100 mm |
| Cushioning | noise absorption through buffer Predefined braking ramp |
| Assembly position | Any |
| Type of gear unit | Planetary gear unit |
| Design structure | linear guide plus rotating bearing Motor unit guided motion sequence |
| Gear unit ratio | 13,73:1 |
| Rotor position sensor | Optical encoder |
| Temperature monitoring | Shutdown at over-temperature (>80°) |
| Minimum cycle time | 0.8 s |
| Repetition accuracy, intermediate positions | < 2 mm |
| Repetition accuracy, end positions | +/-0,02 mm |
| Number of increments per revolution | 300 |
| Display resolution | 128x64 Pixel |
| Insulation protection class | F |
| Max. current, digital logic outputs | 200 mA |
| Nominal motor power | 17.5 W |
| Nominal motor current | 0.73 A |
| Parameters configuring interface | RS232 (9600 Baud) |
| Nominal voltage DC | 24 V |
| Peak current | 2.1 A |
| Permissible voltage fluctuation | +/- 10 % |
| CE mark (see declaration of conformity) | to EU directive for EMC |
| Protection class | IP54 |
| Ambient temperature | 0 ... 50 °C |
| Max. torque Mx | 0.6 Nm |
| Max. torque My | 0.6 Nm |
| Max. torque Mz | 0.6 Nm |
| Maximum process force in Y direction | 30 N |
| Theoretical effective power in Z direction | 15 N |
| Product weight | 2,110 g |
| Mounting type | With through-hole and centring sleeve |
| Materials note | Contains PWIS substances |
| Material information, stops | High alloy steel |
| Materials information for cover | Wrought Aluminium alloy Anodised |
| Material information, spring pressure piece | High alloy steel |
| Materials information for sub-base | Wrought Aluminium alloy |

| Feature | Value |
|---|-------------------------------------|
| | Anodised |
| Material information, holder | Wrought Aluminium alloy Anodised |
| Materials information for cross-guide | Heat-treatment steel |
| Material information, swivel lever | Case-hardened steel Burnished |
| Material information, slotted guide plate | Case-hardened steel Hardened |
| Material information, sensor rail | Wrought Aluminium alloy Anodised |
| Material information, ridge | Wrought Aluminium alloy Anodised |
| Material information, adjusting screw | High alloy steel |