

ECSx5050/AI/HL/RT

1008840

Technical Specifications

| Size and Dimensions | |
|---------------------------------------|--|
| footprint; height | 50 mm x 50 mm; 9.5 mm |
| maximum installation space | 50 mm x 81.6 mm; 9.5 mm |
| weight (aluminium version) | 70 g |
| Materials | |
| positioner body | aluminum |
| actuator | PZT ceramics |
| connecting wires | copper, jacket: RT: silicone, HV/UHV: fiberglass |
| Coarse Positioning Mode | |
| travel range (step mode) | 30 mm |
| maximum drive velocity @ 300 K | 4.5 mm/s |
| input voltage range | 0 - 60 V |
| Fine Positioning Mode | |
| fine linear positioning range @ 300 K | 1.6 μ m |
| fine positioning resolution | sub-nm |
| input DC voltage range @ 300 K | 0 - 60 V |
| Load (@ ambient conditions) | |
| maximum load | 15 kg |
| maximum dynamic force along the axis | 5 N |

