

Handling module HSW-12-AP-SD

Part number: 540229

FESTO



 [General operating condition](#)

Data sheet

Feature	Value
Working stroke	15 mm ... 25 mm
Size	12
Max. linear stroke with 90° swivel angle	142/142 mm
Z stroke	80 mm ... 100 mm
Cushioning	Shock absorber at both ends Soft characteristic curve
Mounting position	optional
Design	Linear guide plus ball bearing Semi-rotary drive Force pilot operated motion sequence
Position detection	Via proximity switch
Operating pressure	4 bar ... 8 bar
Min. cycle time	0.8 s
Repetition accuracy end positions	+/-0.02 mm
Operating medium	Compressed air to ISO 8573-1:2010 [7:-:-]
Note on operating and pilot medium	Lubricated operation possible (in which case lubricated operation will always be required)
LABS (PWIS) conformity	VDMA24364-B2-L
Ambient temperature	0 °C ... 60 °C
Max. moment Mx	1.5 Nm
Max. moment My	1.5 Nm
Max. moment Mz	1.5 Nm
Max. effective load	1 kg
Max. process force in Y direction	35 N
Theoretical force at 0.6 MPa (6 bar, 87 psi)	35 N
Product weight	3040 g
Type of mounting	Via through-hole and centring sleeve
Pneumatic connection	M5
Material stops	High-alloy steel
Material cover	Wrought aluminium alloy Anodised
Material spring pressure piece	High-alloy steel
Material base plate	Wrought aluminium alloy Anodised
Material retaining bracket	Wrought aluminium alloy Anodised
Material cross-guide	Tempered steel

Feature	Value
Material swivel lever	Case-hardened steel Burnished
Material slotted guide plate	Case-hardened steel Hardened
Material sensor rail	Wrought aluminium alloy Anodised
Material bar	Wrought aluminium alloy Anodised
Material setting screw	High-alloy steel