

# Handling module HSW-12-AP-AW

Part number: 562560

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
Max. Z stroke waiting position	15 mm
Z stroke	80 mm ... 100 mm
Cushioning	Shock absorber at both ends Soft characteristic curve
Mounting position	Any
Design	Linear guide plus ball bearing Quarter turn actuator 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 µm
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 M <sub>x</sub>	1.5 Nm
Max. moment M <sub>y</sub>	1.5 Nm
Max. moment M <sub>z</sub>	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	3060 g
Type of mounting	Via through-hole and centring sleeve
Pneumatic connection waiting position	M5
Pneumatic connection	M5
Material stops	High-alloy steel
Material spring pressure piece	High-alloy steel
Material base plate	Wrought aluminium alloy anodised
Material retaining bracket	anodised
Material cross-guide	Tempered steel

<b>Feature</b>	<b>Value</b>
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