

# Handling module HSP-12-AP-SD-WL

Part number: 533602

FESTO



 [General operating condition](#)

## Data sheet

Feature	Value
Size	12
Max. Z stroke waiting position	15 mm
Y stroke	52 mm ... 68 mm
Z stroke	20 mm ... 30 mm
Z stroke, working stroke	15 mm
Cushioning	Shock absorber at both ends Soft characteristic curve
Mounting position	Guide rail Vertical
Mode of operation	Double-acting
Design	Force pilot operated motion sequence
Position detection	Via proximity switch
Protection against torque/guide	Cross guide
Operating pressure	4 bar ... 8 bar
Min. cycle time	0.6 s
Repetition accuracy	±0.01 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. torque Mx dynamic	1.1 Nm
Max. torque Mx static	5 Nm
Max. torque My dynamic	1.1 Nm
Max. torque My static	5 Nm
Max. torque Mz dynamic	1.1 Nm
Max. torque Mz static	5 Nm
Max. effective load	0.5 kg
Theoretical force at 0.6 MPa (6 bar, 87 psi)	40 N
Product weight	2600 g
Mounting of front unit	With through-hole
Type of mounting	With through-hole Via slot nuts
Pneumatic connection waiting position	M3
Pneumatic connection	M5
Material base plate	Wrought aluminium alloy
Material cross-guide	Tempered steel

Feature	Value
Material side components	Wrought aluminium alloy