

Handling Module HSW-12-AP-SD - Festo 540229

Item no. FES-540229

Manufacturer Festo

EAN 4052568178802

Festo pneumatic component for industrial automation and compressed-air applications in proven quality.

TECHNICAL DATA

Betriebsdruck max [bar]	8.000000
Cushioning	CC: Shock absorber, double-sided, Soft characteristic curve
Design	rotary actuator, Linear guide plus rotating bearing, Force controlled movement cycle
HS-Code	84798997
Medium	Druckluft
Mounting position	arbitrary
Pneumatischer Anschluss	M5
Position sensing	Yes
Serie	HSW
Temperature (max.)	60
Weight	3.6 kg



STANDARDS & COMPLIANCE

ISO 8573-1:2010

DESCRIPTION

Festo pneumatic component for industrial automation and compressed-air applications in proven quality. The key technical data of this genuine Festo article are listed below.

Working stroke [mm]	15 to 25
size	12
Max. linear stroke at 90° swivel angle	142/142 mm
Z-stroke [mm]	80 to 100
Dampening	CC: Shock absorber, double-sided Soft characteristic curve
installation position	arbitrary
Construction set up	rotary actuator Linear guide plus rotating bearing Force controlled movement cycle
Position detection	For proximity switch
Operating pressure [bar]	4 to 8
Min. cycle time [s]	0,8

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Repeatability end positions	±0.02 mm
Operating medium	Compressed air to ISO 8573-1:2010 [7:-:-]
Information about operating and control medium	Oiled operation possible (required in further operations)
ambient temperature [°C]	0 to 60
Max. torque Mx [Nm]	1,5
Max. torque My [Nm]	1,5
Max. torque Mz [Nm]	1,5
Maximum usage load [KGM]	1,0
Max. process force in Y-direction [N]	35
Theoretical force at 6 bar [N]	35
Product weight [g]	3.040
Fastening type	With Throughway bore and centring sleeve
Pneumatic connection	M5
Material information	Copper and PTFE-free
Stoppers material	High-alloyed steel
Spring pressure piece material	High-alloyed steel
Base plate material	Aluminium wrought alloy anodized
Bracket material	Aluminium wrought alloy anodized
Cross-guide material	Quenched and tempered steel
Swivel lever material	Case-hardening steel Burnished
Backgrounds material	Case-hardening steel hardened
Sensor rail material	Aluminium wrought alloy anodized
Bar material	Aluminium wrought alloy anodized
Positioning screw material	High-alloyed steel
Cover material	Aluminium wrought alloy anodized