

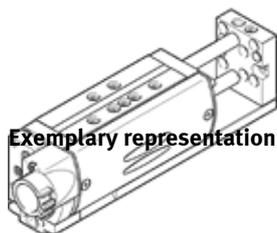
Linear module

HMPL-12- -

Part number: 191181

FESTO

Type to be discontinued. Available until 2012.



Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Stroke	30 ... 100 mm
Piston diameter	12 mm
Operating mode of drive unit	Yoke
Cushioning	YSRW: Shock absorber, soft characteristic curve
Assembly position	Any
Guide	Recirculating ball bearing guide
Design structure	Guide Yoke kinematics Piston rod
Max. number of intermediate positions	1
Position detection	For proximity sensor
Variants	clamping unit on piston rod Pulling
Working pressure	4 ... 8 bar
Max. speed, advancing	≤ 1.9 m/s
Max. speed, retracting	≤ 1.8 m/s
Max. travel time	≤ 300 ms
Repetition accuracy	$< 0,02$ mm
Mode of operation	double-acting
Operating medium	Compressed air in accordance with ISO8573-1:2010 [7:::]
Corrosion resistance classification CRC	1
Sound pressure level	62 dB(A)
Ambient temperature	0 ... 60 °C
Cushioning length	8 mm
Theoretical force at 6 bar, return stroke	68 N
Theoretical force at 6 bar, advance stroke	51 N
Pneumatic connection	QSM-4
Materials note	Free of copper and PTFE
Materials information for cover	Wrought Aluminum alloy Anodized
Materials information for seals	NBR PUR
Material information, front plate	Wrought Aluminum alloy Anodized
Material information, guide rod	High alloy steel, non-corrosive
Materials information, housing	Wrought Aluminum alloy Anodized