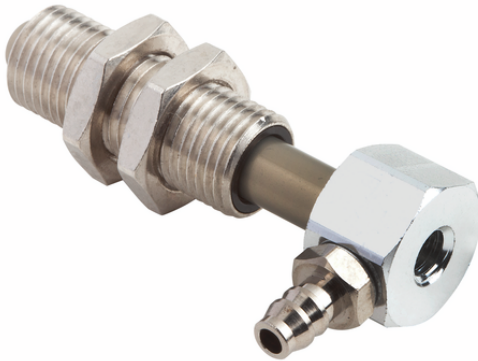


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FSTIm M5-IG 6/4 L 10 IN

Spring plunger FSTIm is delivered assembled.

Available accessories: vacuum hose, hose sleeve

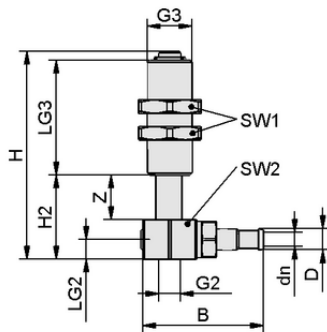
Technical data

Attribute	Value
Shape mounting elements	(electrically) insulating
Spring stroke Z	10.0 mm
Suction cup connection	M5-F
Vacuum connection	Hose 6/4
Shape	Lateral vacuum guide
Tightening torque (max)	4.0 Nm

Design data

Attribute	Value
Width B	23.20 mm
Height H2	21.00 mm
Height H	49.00 mm
Outside diameter D	4.00 mm
Nominal diameter dn	2.50 mm
Thread G2	M5-F
Thread length LG2	5.5 mm
Thread length LG3	26.0 mm
Key width SW1	14.0 mm
Spanner size SW2	13.0 mm

Recommendation: Avoid maximum plunger stroke Z during continuous operation to extend service life Ensure that the hose guide is free from distortion



Design data FSTIm M5-IG 6/4 L 10 IN



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**Technical data**

Attribute	Value
Shape mounting elements	(electrically) insulating
Spring force center	0.75 N
Spring rate	0.050 N/mm
Spring pretension	0.50 N
Horizontal load	10.0 N
Vertical load	15.0 N
Weight	18.00 g
Operating temperature	0 ... 80 °C
Product family	FSTIm
Tightening torque (max)	4.0 Nm

Note: Spring force: Referred to 50 % of operating stroke Vertical loading: Maximum static loading Horizontal load: The specification of the horizontal load refers to the lower edge of the plunger with extended spring. It is a maximum static stress and it impairs the spring compression and extension in horizontal position.

**Further documentation**

CAD data and other documents relating to the article can be found at: www.schmalz.com/10.01.02.01338

**Ordering Data Accessories 10.01.02.01338**

Typ		Item number
Compressed-air hose	VSL 6-4 PU BL SO	10.07.09.00141
Hose sleeve	ST M5-AG 4 MS-V	10.08.03.00311
Cross-beam connection	HTR-STA 47 1N D10/16 FL	10.08.03.00085
Cross-beam connection	HTR-ST5 30x30 D10/16 WI	10.08.03.00088
Cross-beam connection	HTR-ST5 40x40 D10/16 WI	10.08.03.00089

