

Spring plunger

FSTIm M5-IG M5-IG A 10 VG-CO



Art.-Nr.: 10.01.02.01619



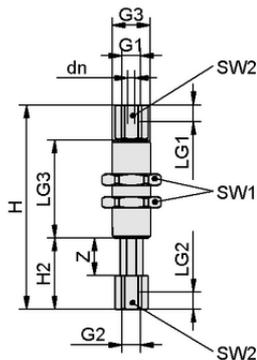
Technical data

Shape mounting elements	with anti-rotation guard / conductive
Spring stroke Z	10.0 mm
Suction cup connection	M5-F
Shape	Axial vacuum guide
Tightening torque (max)	4.0 Nm

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Spring plunger FSTIm is delivered assembled.

Available accessories: vacuum hose, hose sleeve



Design data

Height H2	19.00 mm
Height H	54.40 mm
Outside diameter D	4.00 mm
Nominal diameter dn	2.00 mm
Thread G1	M5-F
Thread length LG1	4.5 mm
Thread G2	M5-F
Thread length LG2	4.5 mm
Thread length LG3	27.0 mm
Key width SW1	14.0 mm
Spanner size SW2	8.0 mm
Spring stroke Z	10.0 mm
Thread G3	M10x1-M

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

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**Technical data**

Shape mounting elements	with anti-rotation guard / conductive
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	18.50 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.

**Ordering Data Accessories 10.01.02.01619**

Typ		Item number
Compressed-air hose	VSL 6-4 PU BL SO	10.07.09.00141
Hose sleeve	ST M5-AG 4 M5-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

