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Sensing Elements • with sensor adapter

EH 25010.



Product Description

Spring plunger in robust and compact design with fine-pitch thread and integrated position sensing using standard proximity sensors. Suitable for multiple applications, e.g. for locking including position control and for proximity sensors with **flush contact.** Switching range adjustable via screwed position of sensor. Sensitivity of switching operations can be adjusted throughout the entire stroke.

Material

Pin
- Stainless steel 1.4305

Housing
- Stainless steel 1.4305

Nut
- Brass (ISO 4035), nickel-plated

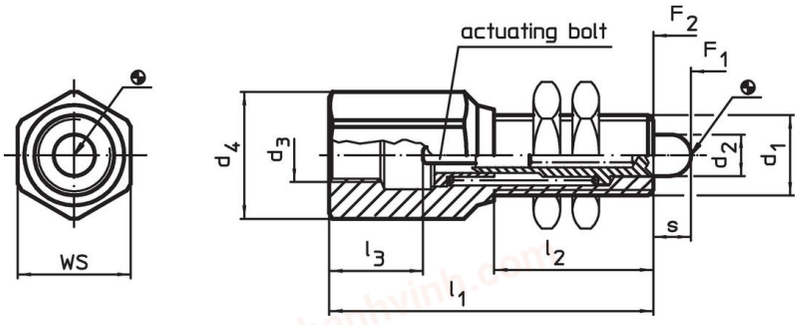
Spring
- Stainless steel

More information

Further products

- Retrieval Units, with sensor

Drawing



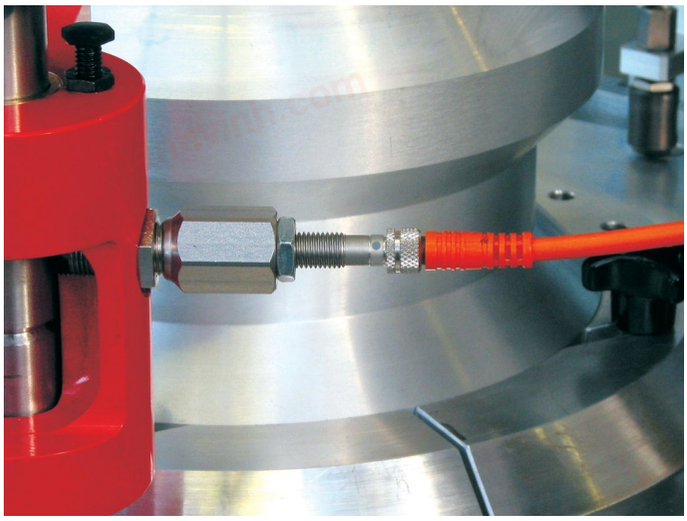
Order information

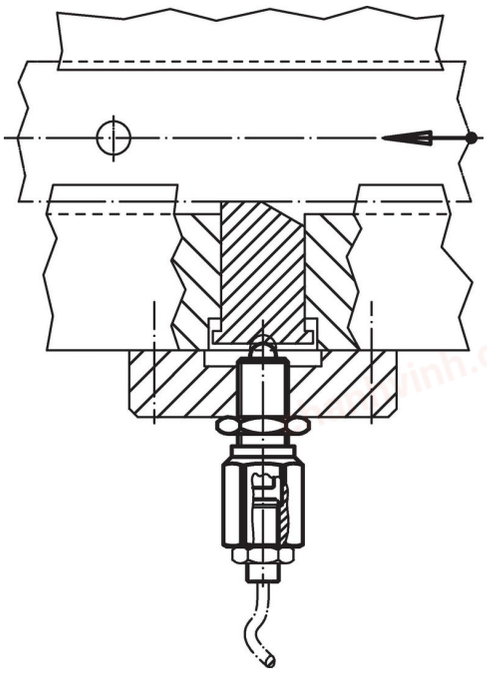
	Dimensions							WS	Spring load[1]			Art. No.
d_1	d_2	d_3	d_4	l_1	l_2	l_3 ~	s		F_1 ~	F_2 ~		
	[mm]							[mm]	[N]		[g]	
M12 x 1	6.2	M 8 x 1	19.0	44	20	15.5	5.6	17	24.0	41.5	60	25010.0012
M16 x 1	8.5	M12 x 1	21.5	65	32	20.0	7.5	19	32.5	65.5	102	25010.0016

[1] statistical average value

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Application example





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Compliance

RoHS-compliant
Contains lead – Compliant with Exemption 6(c).

Contains SVHC substances >0,1% w/w
Contains lead - SVHC list [REACH] as of 04.02.2026.

SCIP-code
949fc48c-0dca-42e2-b2cf-bfac0caefba0

Contains Proposition 65 substances



Nickel can cause cancer from exposure. / Lead can lead to cancer, developmental disorders, and reproductive damage in men and to reproductive damage in women from exposure.
https://www.P65Warnings.ca.gov/

Free from Conflict Minerals
This product does not contain any substances designated as "conflict minerals" such as tantalum, tin, gold or tungsten from the Democratic Republic of Congo or adjacent countries.

POP-compliant
Contains no persistent organic pollutants – Stockholm Convention [POP] as of September 2025.

PFAS-compliant
Contains no per- and polyfluoroalkyl substances (PFAS).

TSCA-compliant
Agent concentration in this product does not exceed the specified threshold.