# Sensing Elements • with actuating bolt, protected against rotating

25020.0012



## **Product Description**

Spring plunger with position sensing by means of an actuating bolt which is protected against rotating. Suitable for multiple applications, e.g. as lift-off pin in tools with position control. Depending on the selected version, the tip is either round or pointed or fitted with a connection thread for all-purpose use. At the fastening thread of the actuating bolt, a switching element can be fitted which is secured against rotating and suitable for all commonly used switches.

#### **Material**

## **Body**

· Free cutting steel, blackened

#### Nut

· Steel, black (ISO 4035)

## **Actuating bolt**

· Steel, nitrided, black

#### **Spring**

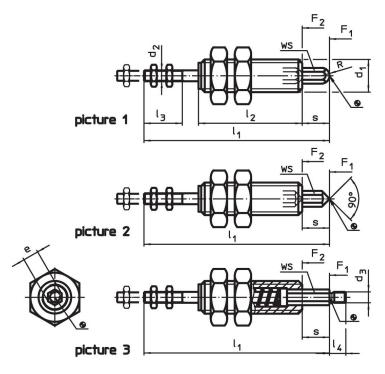
Stainless steel

#### More information

#### **Further products**

· Retrieval Units, with sensor

## **Drawing**



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# Order information

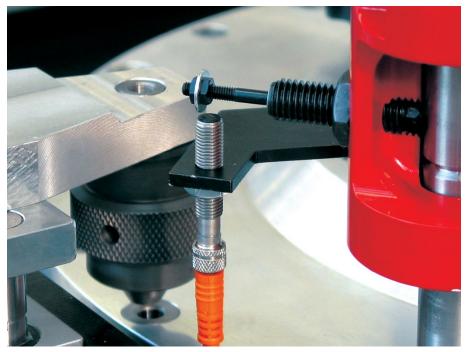
Dimensions									Spring load <sup>1)</sup>		Ĭ	Art. No.
d <sub>1</sub>	s	d <sub>2</sub>	e ~	I <sub>1</sub>	l <sub>2</sub>	I <sub>3</sub> min.	R		F <sub>1</sub> ~	F <sub>2</sub> ~		
[mm]									[N]		[g]	
probe tip, round – picture 1												
M12	10	M4	5.8	68	38	14	2.9	5	5.1	11	51	25020.0012

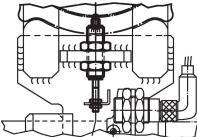
<sup>1)</sup> statistical average value

www.halder.com Page 1 of 2

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# **Application example**





# Compliance

## **RoHS** compliant

Contains lead - compliant according to exceptions 6a / 6b / 6c.

# Contains SVHC substances >0,1% w/w

Contains lead - SVHC list [REACH] as of 23.01.2024.

## **Contains Proposition 65 substances**



Lead can cause cancer and reproductive harm from exposure https://www.P65Warnings.ca.gov/

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## **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.



www.halder.com Page 2 of 2

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