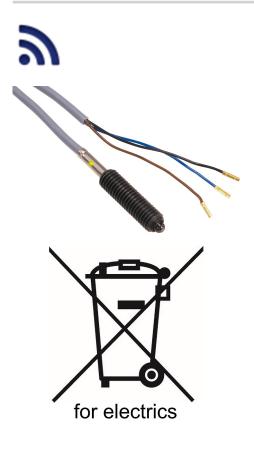
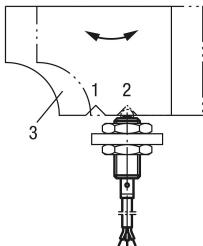


Spring plungers with status sensor

Kipp

Item description/product images





Description

Product description:

In addition to their mechanical function as an indexing and positioning element, spring plungers with status sensor are used to detect whether a component is in the desired position or not.

The sensor recognises whether the thrust pin is retracted or extended and enables this status information to be electronically processed.

Material:

Sleeve, thrust pin and spring, steel. Status sensor stainless steel.

Version:

Black oxidised. Thrust pin hardened.

Note:

The status sensor activates at a travel of H.

Technical data:

Inductive sensor:

Output rely: PNP normally open (NO) or normally closed (NC)

Operating voltage: 10 - 30 V DCOperating current: $<\!200 \text{ mA}$

Switch gap: 0.8 mm

Switching frequency: 2000 Hz Short-circuit proof: yes Reverse polarity protected: yes

IP rating: IP 67

Connection type: 2 m PVC cable

Approval: CE

Application:

Spring plungers with status sensor enable status-dependent process control. It can be ensured that a workpiece or moving component is in the desired location.

Temperature range:

Temperature range: -25 °C to +70 °C

Safety

spring plunger with status sensor are not suitable for safeguarding persons.

Drawing reference:

4) LED-indicator

BN = brown

BK = black

BU = blue

Example of position feedback:

Pos. 1: slide engaged Pos. 2: slide disengaged

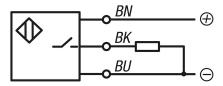
3) Slide

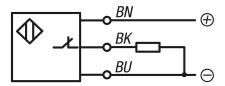


Spring plungers with status sensor

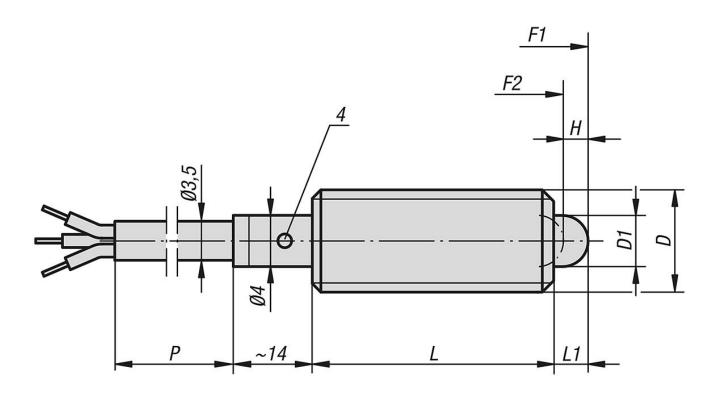


Item description/product images





Drawings



Overview of items

Spring plungers with status sensor

Order No.	Version 2	D	D1	Н	L	L1	Spring force initial pressure F1 approx. N	Spring force final pressure F2 approx. N	P=cable length
K0656.5061	normally closed	M6	2,7	2	27	3	7	20	2000
K0656.5081	normally closed	M8	4	2	29	3	15	30	2000
K0656.5101	normally closed	M10	4,5	3	36	4	20	38	2000
K0656.5062	normally open	M6	2,7	2	27	3	7	20	2000
K0656.5082	normally open	M8	4	2	29	3	15	30	2000
K0656.5102	normally open	M10	4,5	3	36	4	20	38	2000



Spring plungers with status sensor



Overview of items