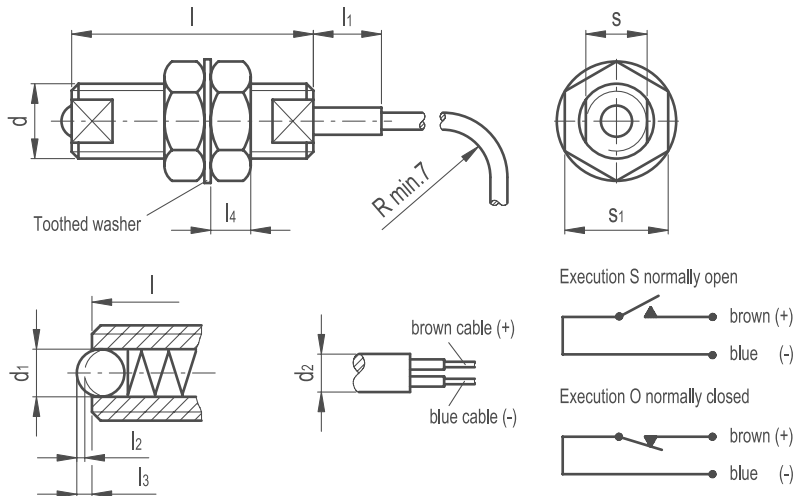


Threaded Ball Spring Plungers with Switch

315

POSITIONING & MACHINE ELEMENTS



- / **Threaded body**
Hardened nickel-plated steel.
- / **Ball**
Hardened steel.
- / **Hexagon nuts**
Nickel-plated steel.
- / **Toothed washer**
Hardened nickel-plated steel.
- / **Spring**
Stainless steel.
- / **Working temperature**
From -10°C to +80°C.

STANDARD EXECUTION AVAILABLE

- / Execution S: grey colour sheath for normally open contact.
- / Execution SB: black colour sheath for normally closed contact.

FEATURES AND APPLICATIONS

Threaded ball spring plungers are suitable for locking or releasing a device by using a built-in electrical switch.

ELECTRICAL CHARACTERISTICS OF THE SWITCH

Power supply: 20 mA DC
Voltage: from 12 to 24 V DC
Protection class: IP 40 according to table IEC 529
Supply cable: Ø 3 mm, two-phase, length 2 metres
Average switch life-span: 10 million switchings

TECHNICAL DATA

Maximum tensile strength 20 N.



Part Reference	d	d1	d2	l	l1	l2+- 0.1	l3+- 0.1	l4	s	s1	Initial	Max
SPBS1	M6	3	3	27	10	0.3	0.8	3.5	5.5	10	6	13
SPBS2	M8	4	3	30	10	0.5	1	5	7	13	8	16
SPBS3	M10	5	3	33	10	0.7	1.2	6	8	17	10	20
SPBSB4	M6	3	3	27	10	0.3	1.8	3.5	5.5	10	6	13
SPBSB5	M8	4	3	30	10	0.5	1	5	7	13	8	16
SPBSB6	M10	5	3	33	10	0.7	1.2	6	8	17	10	20