

GN 615.7

Threaded ball spring plungers with switch

- **Threaded body**
Nickel-plated steel.
- **Ball**
Hardened steel.
- **Hexagon nuts**
Nickel-plated steel.
- **Toothed washer**
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 **O**: black colour sheath for normally closed contact.



Features and applications

GN 615.7 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 max
Switching load recom: 5-10 mA
Voltage: from 12 to 24 V DC
Protection class: IP 40 according to table IEC 529 (see page 503)
Average switch life-span: 3 million switchings

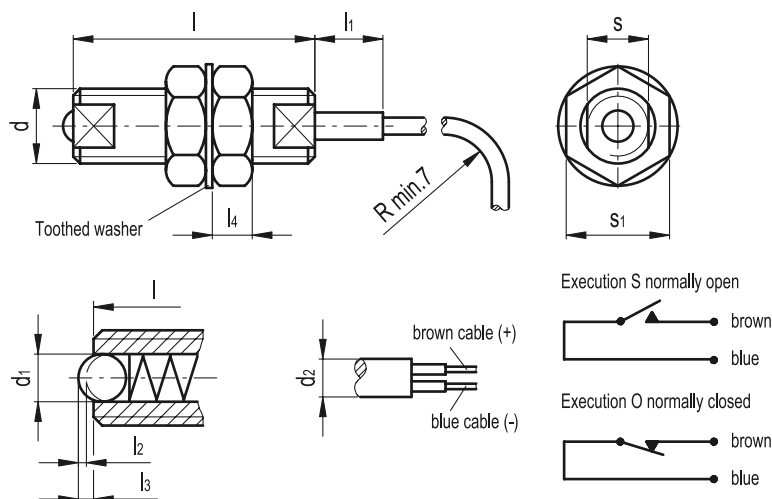
Supply cable

Ø 3mm; 2 phase, ~ 2 metres long
oil resistant
maximum tensile load 20N
grey for type S (normally open)
black for type O (normally closed)

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Indexing elements



Standard Elements	Main dimensions										Spring pressure		△△ g
	Description	d	d1	d2	l	l1	l2 ±0.1	l3 ±0.1	l4	s	s1	Preload [N~]	
GN 615.7-M6-O	M6	3	3	27	10	0.3	0.8	3.5	5	10	6	13	29
GN 615.7-M8-O	M8	4	3	30	10	0.5	1	5	7	13	8	16	38
GN 615.7-M10-O	M10	5	3	33	10	0.7	1.2	6	8	17	10	20	50
GN 615.7-M6-S	M6	3	3	27	10	0.3	0.8	3.5	5	10	6	13	29
GN 615.7-M8-S	M8	4	3	30	10	0.5	1	5	7	13	8	16	38
GN 615.7-M10-S	M10	5	3	33	10	0.7	1.2	6	8	17	10	20	50



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