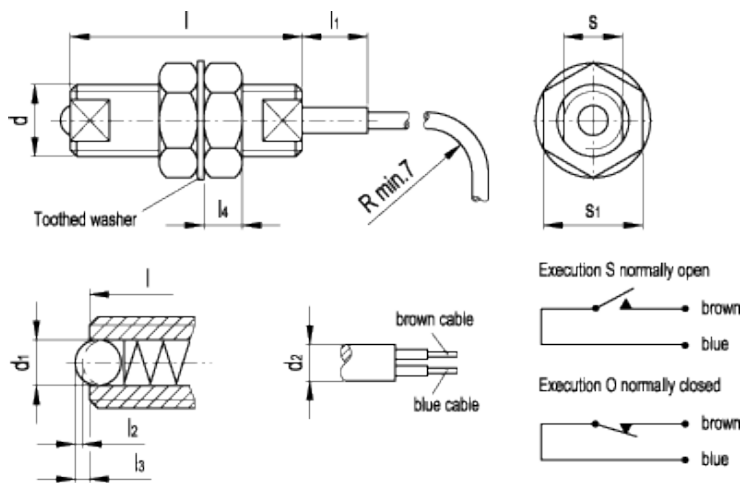


# GN 615.7

Threaded ball spring plungers with switch



## technical informations

**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](#)  
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)

Standard Elements	Main dimensions											Spring pressure		Weight
Description	d	d <sub>1</sub>	d <sub>2</sub>	l	l <sub>1</sub>	l <sub>2</sub> ±0.1	l <sub>3</sub> ±0.1	l <sub>4</sub>	s	s <sub>1</sub>	Preload [N~]	Max. load [N~]	g	
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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