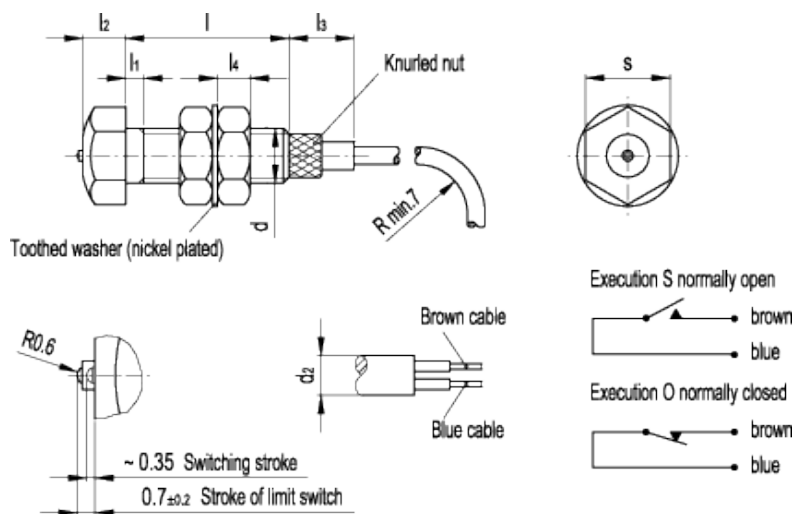


# GN 251.2

Spring plungers with limit switch



## technical informations

### Body

Nickel-plated steel, class 5.8 (tensile strength 500 N/mm<sup>2</sup>) with hardened hexagon head.

### Hexagon nuts

Nickel-plated steel.

### Toothed washer

Hardened nickel-plated steel.

### Spring

Stainless steel.

### Maximum working temperature

From -10°C to +80°C.

### Supply cable

Ø3 mm, two phase, length 2 m.

Max. tensile load 30N.

- Execution S: grey colour for normally open contact.
- Execution O: black colour for normally closed contact.

### Features and applications

GN 251.2 spring plungers are supplied with a hardened round head which serves as a firm end stop. In general these bolts are installed with a locknut.

### Instruction of use

When the workpiece contacts the bolt head an electrical signal is transmitted by means of the limit switch. By means of the knurled nut, the limit switch can be installed resp. taken out without having the need to loose the setting bolt.

Warning: if the screw-in thread is earthed, the blue cable has to be connected to the mass.

Standard Elements		Main dimensions							Weight
Description	d	d <sub>2</sub>	l	l <sub>1</sub>	l <sub>2</sub>	l <sub>3</sub>	l <sub>4</sub>	s	g
GN 251.2-M6-S	M6	3	21	3	4	10	3.6	10	30
GN 251.2-M6-O	M6	3	21	3	4	10	3.6	10	30
GN 251.2-M8-S	M8	3	25	4	7	10	5	13	45
GN 251.2-M8-O	M8	3	25	4	7	10	5	13	45
GN 251.2-M10-S	M10	3	25	4	7	10	6	17	62
GN 251.2-M10-O	M10	3	25	4	7	10	6	17	62

Technical characteristics of the switch					
Power supply	Voltage	Switching load	Safety standard	Average switch life-spam	Operating force
20 mA DC max.	12÷24 V DC	5-10 mA	IP40	switching 3x10 <sup>6</sup>	~ 1N



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