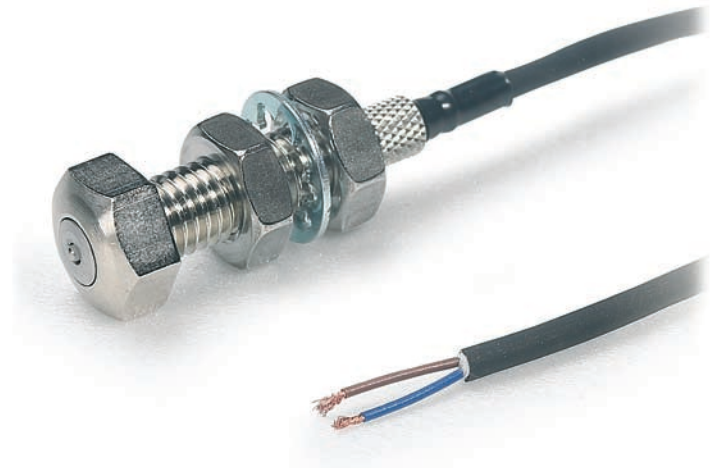


GN 251.2

Spring plungers with limit switch

- **Body**
Nickel-plated steel, class 5.8 (tensile strength 500 N/mm²) 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.



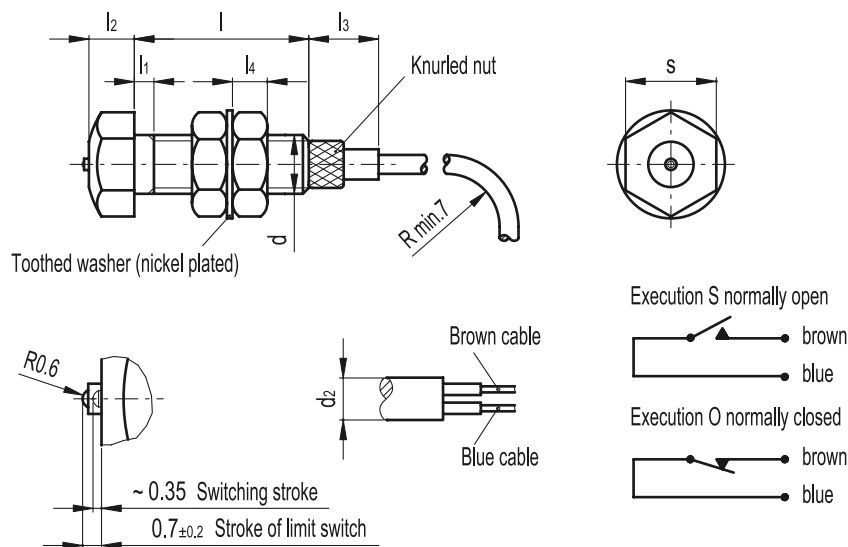
Features and applications

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.

| 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 ⁶ | ~ 1N |



| Standard Elements | Main dimensions | | | | | | | | ⚖ |
|-------------------|-----------------|----|----|----|----|----|-----|----|----|
| | d | d2 | l | l1 | l2 | l3 | l4 | s | |
| 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 |

