

## Spring Plungers

Steel, with Limit Switch

### SPECIFICATION

#### Types

- Type **S**: normally open
- Type **O**: normally closed

Screw

Steel, nickel plated

Ball

Steel, hardened

Hexagonal nuts

Steel, nickel plated

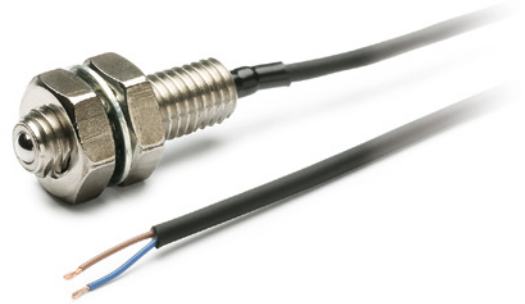
Limit switch

- Voltage: 5 ... 24 V DC
- Switching load recom.: 5-10 mA
- Switching load max.: 20 mA DC
- Life expectancy: 3 million operations
- Temperature range: -10 °C ... +80 °C

Supply cable PVC:

- Ø 3; 2 phase, ≈ 2 meters long
- max. tensile load 20 N
- grey, for Type S (normally open)
- black, for Type O (normally closed)

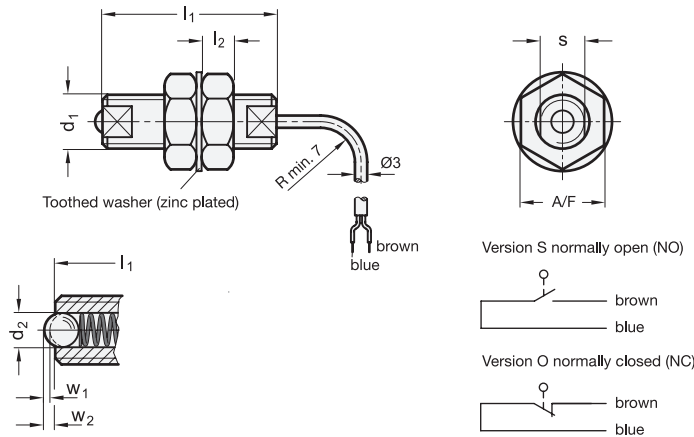
Protection class IP 40



### INFORMATION

Spring plungers GN 615.7 are used for end stops as wells as contacts. Simultaneously an electrical control signal can be released from the built-in limit switch.

- IP Protection classes (see page A23)



### GN 615.7

| Description    | d1   | d2 | l1 | s | l2  | A/F | w1 ±0.1 Switching stroke | w2 ±0.1 Compression | Spring load in N ≈ initial | Spring load in N ≈ end | ⚖  |
|----------------|------|----|----|---|-----|-----|--------------------------|---------------------|----------------------------|------------------------|----|
| GN 615.7-M6-O  | M 6  | 3  | 33 | 5 | 3.5 | 10  | 0.3                      | 0.8                 | 6                          | 13                     | 40 |
| GN 615.7-M8-O  | M 8  | 4  | 36 | 7 | 5   | 13  | 0.5                      | 1                   | 8                          | 16                     | 53 |
| GN 615.7-M10-O | M 10 | 5  | 40 | 8 | 6   | 17  | 0.7                      | 1.2                 | 10                         | 20                     | 60 |
| GN 615.7-M6-S  | M 6  | 3  | 33 | 5 | 3.5 | 10  | 0.3                      | 0.8                 | 6                          | 13                     | 40 |
| GN 615.7-M8-S  | M 8  | 4  | 36 | 7 | 5   | 13  | 0.5                      | 1                   | 8                          | 16                     | 53 |
| GN 615.7-M10-S | M 10 | 5  | 40 | 8 | 6   | 17  | 0.7                      | 1.2                 | 10                         | 20                     | 60 |