GN 615.7 | Threaded ball spring plungers

with switch, steel

METRIC RoHS IP40

THREADED BODY
Hardened nickel-plated steel.

BALL
Hardened steel.

HEXAGON NUTS
Nickel-plated steel.

TOOTHED WASHER
Hardened nickel-plated steel.

SPRING
Stainless steel.

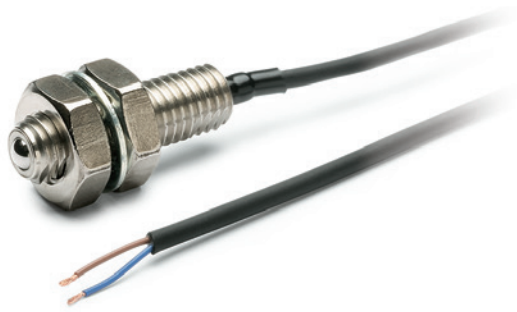
WORKING TEMPERATURE
From -10°C to +80°C.

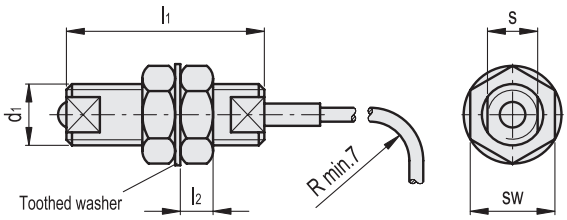
STANDARD EXECUTIONS
- **GN 615.7-O**: black colour sheath for normally closed contact.
- **GN 615.7-S**: grey colour sheath for normally open contact.

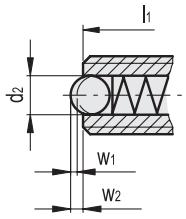
FEATURES AND APPLICATIONS
GN 615.7 threaded ball spring plungers are suitable for locking or releasing a device by using a built-in electrical switch.

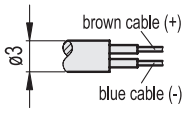
ELECTRICAL CHARACTERISTICS OF THE SWITCH
Power supply: 20 mA DC
Voltage range: 12 ÷ 24 V DC
Protection class: IP 40 according to table EN 60529 (see page A-19).
Supply cable: Ø 3 mm, two-phase, length 2 metres
Average switch life-spam: 10 millions switchings

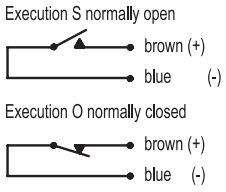
TECHNICAL DATA
Maximum tensile strength 20 N.











Conversion Table
1 mm = 0.039 inch

d2	
mm	inch
3	0.12
4	0.16
5	0.20

INOX STAINLESS STEEL METRIC

Code	Description	d1	d2	l1	l2	s	sw	w1 ±0.1 Switching stroke	w2 ±0.1 Spring compression	Spring preload [N]	Spring max load [N]	⚖
GN.33821	GN 615.7-M6-O	M6	3	27	3.5	5	10	0.3	0.8	6	13	29
GN.33822	GN 615.7-M8-O	M8	4	30	5	7	13	0.5	1	8	16	38
GN.33823	GN 615.7-M10-O	M10	5	33	6	8	17	0.7	1.2	10	20	50
GN.33831	GN 615.7-M6-S	M6	3	27	3.5	5	10	0.3	0.8	6	13	29
GN.33832	GN 615.7-M8-S	M8	4	30	5	7	13	0.5	1	8	16	38
GN.33833	GN 615.7-M10-S	M10	5	33	6	8	17	0.7	1.2	10	20	50