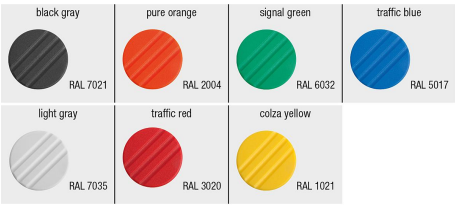
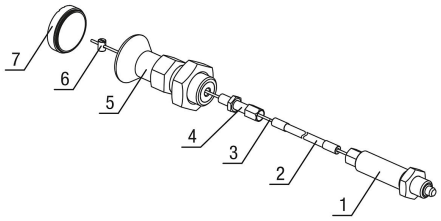
Actuating elements for Indexing plunger with remote actuation

Item description/product images

METRIC Parts





Description

Product description:
Indexing plungers are used where it is necessary to prevent changes of position due to lateral forces.
Some examples of this are for length, height and position locking in machine, furniture and special vehicle construction.

Indexing plungers with remote actuation are used where inaccessible assembly spaces are making it difficult to operate, or where remote actuation is required for ergonomic or safety reasons.

The indexing plunger is connected to the operator side by a Bowden cable. The combination of indexing plunger and actuating element styles a complete system which can be used for many types of application.
As an alternative to the actuating element, the supplied screw nipple (Ø5 x 7 mm) can be used to integrate an individual actuating element into the system.

The Bowden cable is available in various lengths.
To ensure an exact fit in the application concerned, the Bowden cable can be shortened as required when installing.

Corrosion protection is provided by selecting a suitable material for coating application. The wire cable or cable casing can be replaced easily if required.

Material:
Actuating element stainless steel.
Mushroom grip thermoplastic.

Version:
Mushroom grip thermoplastic, dark gray.
Plastic cover thermoplastic, in black, gray, red or yellow.

Order information:
Indexing plungers with remote actuation and actuating element must be ordered separately.

Note:
When installing the Bowden cables, the following points should be noted:
The length of the free end of the cable can change due to the layout angle, bending radius and load factors. So, after laying the Bowden cable, the length of the counter-bearing (casing) must be adjusted using the adjusting screw supplied. The adjusting screw is also used to set the pretension in the Bowden cable system.
When laying the cable, particular care must be taken to ensure that the bending radius is not below the minimum value, which in this case is R = 65 mm. A radius which is too narrow can lead to increased wear and higher friction.
Also avoid letting the bending radius briefly go below the minimum value when installing, as this can cause damage to the casing. Also, the casing is designed only to support pressure forces. If pulled too sharply, the inner coil will be stretched and permanently damaged.

On request:
Special versions.

Supplied with:

Actuating elements for Indexing plunger with remote actuation

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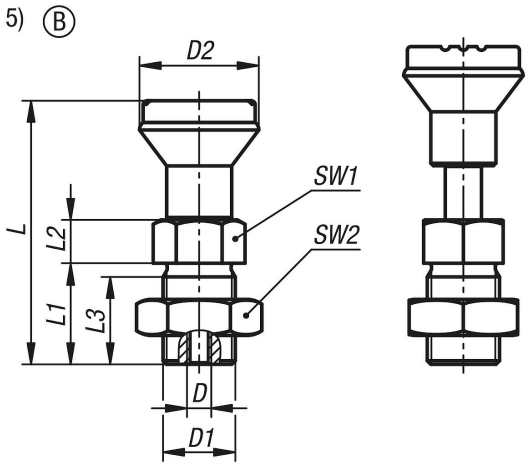
Actuating element with plastic cover.

Accessory:
Hex nuts K0700.
Mounting brackets K0638.
Spacer rings K0665.
Positioning bushings K1290.
Actuating elements K1502.12420.
Wire cables K2023.
Tension body s K2024.
End body s K2025.
Setscrews K2026.
Screw nipples K2027.

Drawing reference:
1) Indexing plunger
2) Bowden cable casing
3) Bowden cable
4) Adjusting screw
5) Actuating element
6) Screw nipple
7) Cover

style B: non-lockout type, with locknut

Drawings



Order No.	color Cap	D Internal thread	D1	D2	L	L1	L2	L3	SW1	SW2
K1502.12420	black gray RAL 7021	M6	M20x1,5	33	73	28	12	25	22	30
K1502.124201	orange RAL 2004	M6	M20x1,5	33	73	28	12	25	22	30
K1502.124202	signal green RAL6032	M6	M20x1,5	33	73	28	12	25	22	30
K1502.124203	blue RAL5017	M6	M20x1,5	33	73	28	12	25	22	30
K1502.124205	light gray RAL 7035	M6	M20x1,5	33	73	28	12	25	22	30
K1502.124206	traffic red RAL 3020	M6	M20x1,5	33	73	28	12	25	22	30
K1502.124207	colza yellow RAL 1021	M6	M20x1,5	33	73	28	12	25	22	30