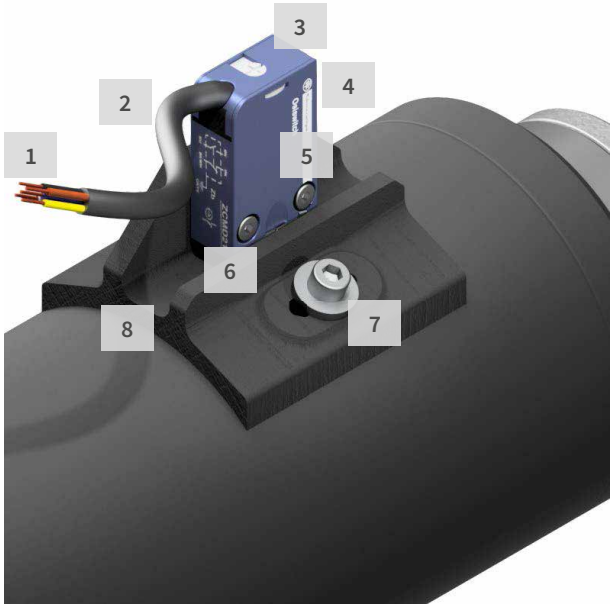


Accessories

Add-on components | Limit switch ES



Cable outlet
turnable 180°



Cabel length
5m standard
(2 m, 10 m)



Integrated plug,
for fast and comfortable
revisions



Temperature
resistance console:
-25°C to +90°C



Fine adjustment
+/- 8 mm possible



IP64 version
with static O-ring seal



Delivered fully
assembled and pre-set

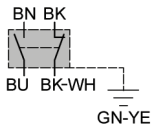


Robust design made
of carbon fiber
reinforced plastic

Technical data

Type:	Mechanical limit switch with positively-actuated NC relay
Material:	Metal housing and roller plunger
Mode of operation:	1Ö + 1S, snap action contacts
Protection class:	IP67
Temperature range:	-40°C to +70°C
Cabel standard-material:	PVC black Ø 7,3 mm, 5 x 0,75 mm ²
Cabel standard-temperature:	-25°C to +70°C
Cabel special-temperature:	-40°C to +105°C (only available on request)
Electrical duty:	max. 240V AC / 1,5A max. 250V DC / 0,1A
Electrical service life:	5 million switching operations at 24V DC/3W 1 million switching operations at 230V AC/0,5A
Weight:	Limit switch set: 0,2 kg; cabel (5m): 0,45 kg

NC	 BK	black	black
	 BK-WH	black-white	black-white
NO	 BU	blue	blue
	 BN	brown	brown
Protective earth conductor	 GN-YE	green-yellow	green-yellow



Ordering example for an single switch: **ZA-25-ES-5**

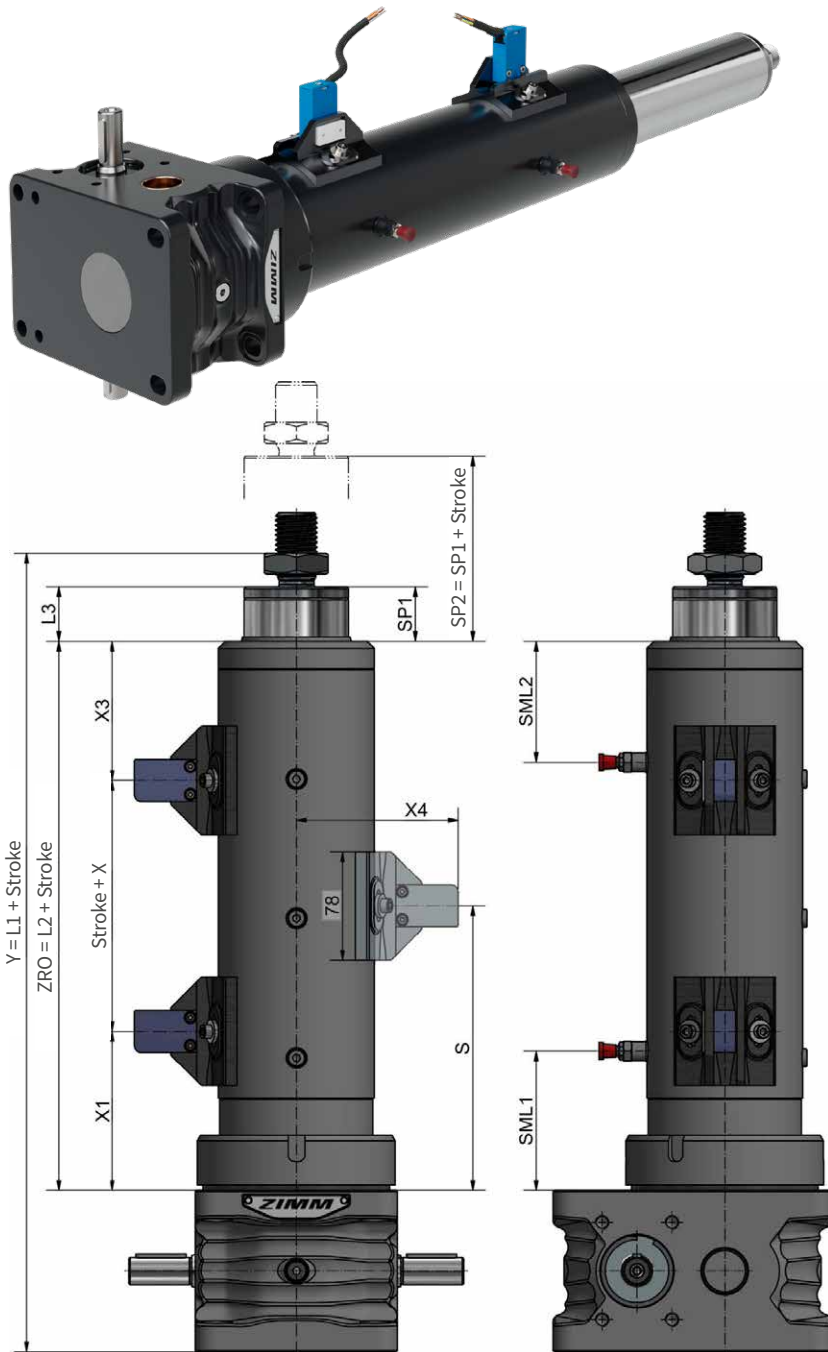
Actuator size _____
Limit switch _____
Cable length _____
2m, 5m (standard) or 10m, 0 = without cabel

Accessories

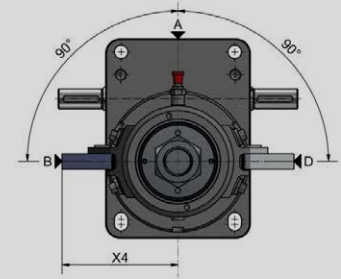
Add-on components | Limit switch ES

Limit switch positions

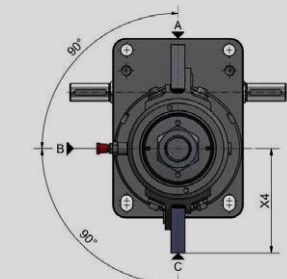
The limit switches can be mounted on all four sides of the cylinder tube. However, the limit switch position is always offset by 90° from the lubrication position. This results in the possibilities shown below.



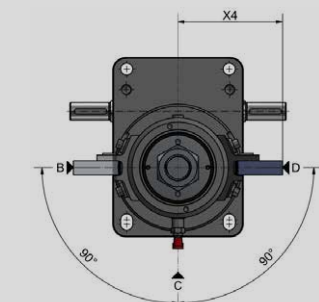
Size	Screw	L1	L2	L3	SP	SML1	SML2	X	X1	X3	X4
ZA-25	TR	365	237	31	31	116	121	29	101	107	106
	KGT32x5	434	301	36	36	174	127	87	101	113	
	KGT32x10	444	306	41	41	174	132	87	101	118	
	KGT32x20	474	321	56	56	174	147	87	101	133	
ZA-50	TR	449	278	31	31	130	148	33	114	131	116
	KGT40x5	524	348	36	36	193	155	97	114	137	
	KGT40x10	524	348	36	36	193	155	97	114	137	
	KGT40x20	554	363	51	51	193	170	97	114	152	
ZA-100	TR	582	353	41	41	159	194	43	137	173	126
	KGT50x10	705	476	41	41	247	229	165	137	174	
	KGT50x20	745	496	61	61	247	249	165	137	194	
ZA-200	TR	621	404	41	41	171	233	38	152	214	149
	KGT80x10	702	485	41	41	247	238	48	223	214	
	KGT80x20	762	525	61	61	267	258	48	243	234	



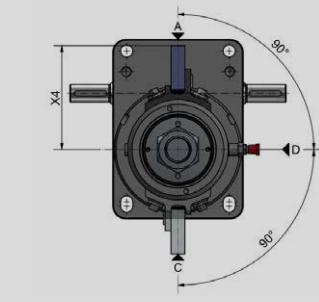
Lubrication position A
Limit switch position B (Standard)
Limit switch position D



Lubrication position B
Limit switch position C (Standard)
Limit switch position A



Lubrication position C
Limit switch position D (Standard)
Limit switch position B



Lubrication position D
Limit switch position A (Standard)
Limit switch position C