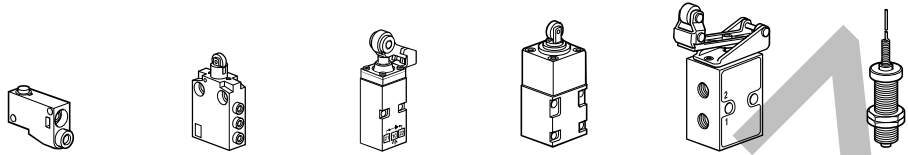






Limit Switches and Bleed Sensors

Limit switches Control and process only	Bleed Sensors
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Series	Miniature	Compact	K-series	J-series	M43	PXF
Connection, * Push-in	Ø4*	Ø4*	Ø4* or M5	Ø4*	M5	Ø4* or M5
Flow at 6 bar, Qn l/s Qmax l/s Cv	1	4,2	2	3,5	1 1,89 0,127	3
Pipeable exhaust		No	Yes	No	Yes	No
Working temperature	-15 to +60°C	-15 to +60°C	-15 to +60°C	-15 to +60°C	-10 to +80°C	-15 to +60°C
Pneumatic switching	3/2 NC	3/2 NC	3/2 NC 3/2 NO	3/2 NC 3/2 NO	3/2 NC	
Construction material	Zinc die cast	Zinc die cast	Zinc die cast	Turrethead Zinc die cast, brass	Zinc die cast	Brass
Interchangeable with electrical version		Yes	Yes	Yes		
Actuator type						
Air hydraulic oil, fresh water, brine						
Plunger	●	●	●	●	●	
Roller		●		●	●	
Roller plunger		●	●	●		
Roller lever	●		●		●	
Whisker			●	●		
Variable offset lever			●	●		
Ball operated						
Cam				●		
Refer to page	5	5	6	8	15	16

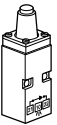



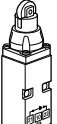

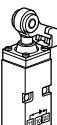



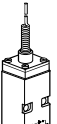


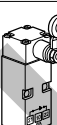


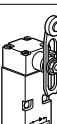



	Symbol	Actuator	Return	Operating forces at 6 bar, N	Weight kg	Order code
		Steel roller plunger	Spring	24	0,160	PXC-M601A102
		90° steel roller plunger	Spring	24	0,160	PXC-M601A103

3/2 limit switches “K series”

With Ø4 mm Push-in connections
with pipeable exhaust port
snap action and low operating force

Bore Ø3 mm

With plunger

	Symbol	Actuator	Return	Operating forces at 6 bar, N	Weight kg	Order code
		Steel plunger	Spring	16 N	0,270	PXC-K21101
		Steel plunger	Spring	16 N	0,270	PXC-K22101
		Steel roller plunger	Spring	16 N	0,310	PXC-K21102
		Steel roller plunger	Spring	16 N	0,310	PXC-K22102
		Plastic roller plunger	Spring	16 N	0,320	PXC-K21121
		Plastic roller plunger	Spring	16 N	0,320	PXC-K22121
		Whisker	Spring	0,05 Nm	0,270	PXC-K21106
		Whisker	Spring	0,05 Nm	0,270	PXC-K22106
		Plastic roller lever *	Spring	0,21 Nm	0,360	PXC-K2110531
		Plastic roller lever *	Spring	0,21 Nm	0,360	PXC-K2210531
		Adjustable lever with Delrin roller *	Spring	0,21 Nm	0,360	PXC-K2110541
		Adjustable lever with Delrin roller	Spring	0,21 Nm	0,360	PXC-K2210541





* Direction of actuation can be set as required

- from right and left
- from right
- from left

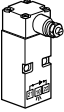



3/2 limit switches “K series”

Bore Ø3 mm

Pneumatic switch bodies, for use in association with all ZCK-D.. series operating heads

Symbol	Actuator	Return	Operating forces at 6 bar, N	Weight kg	Order code
 	-	-	16	0,320	PXC-K211
 	-	-	16	0,320	PXC-K221

Pneumatic switch bodies with rotary heads
 Direction of actuation can be set as required:
 - From right and left
 - From right
 - From left

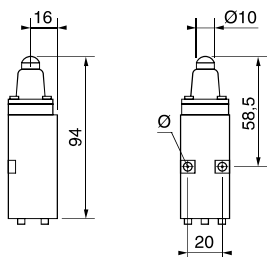
Symbol	Actuator	Return	Operating forces at 6 bar, Nm	Weight kg	Order code
 	Rotary head	Spring	0,21	0,340	PXC-K21105
 	Rotary head	Spring	0,21	0,340	PXC-K22105

	Actuator	Weight kg	Order code
Rod	Ø3 mm fibre glass	0,025	ZCK-Y55
	Square steel 3 mm	0,025	ZCK-Y54

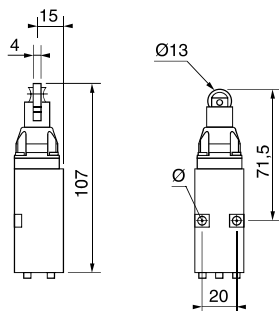
	Actuator	Weight kg	Order code
Spring rod	Plastic	0,010	ZCK-Y81
	Metal	0,030	ZCK-Y91

With plunger heads

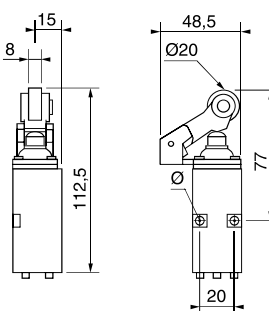
PXC-K21101, PXC-K22101



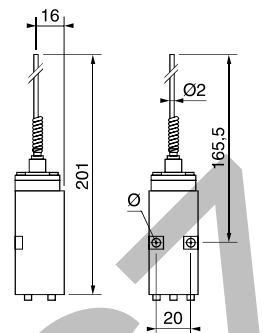
PXC-K21102, PXC-K22102



PXC-K21121, PXC-K22121

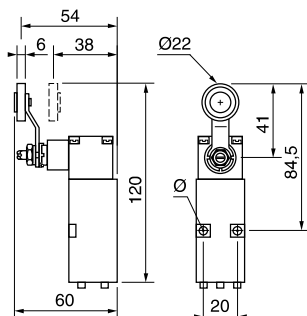


PXC-K21106, PXC-K22106

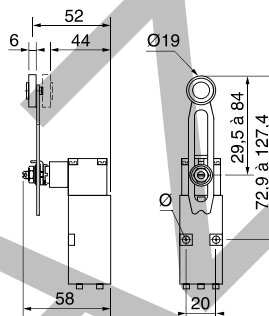


With rotary heads and operating levers

PXC-K2110531, PXC-K2210531



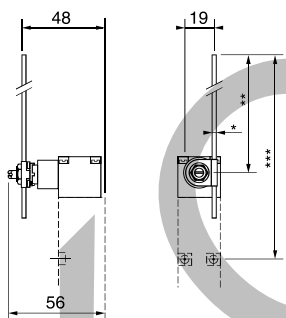
PXC-K2110541, PXC-K2210541



Ø=2 holes Ø5,2 mm

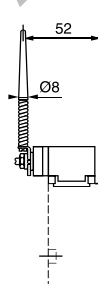
With rotary heads and operating levers

ZCK-Y54, ZCK-Y55

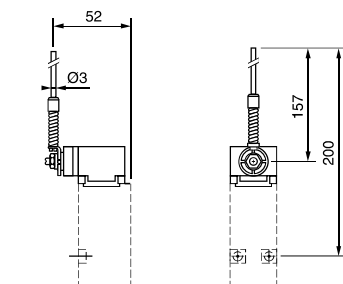


ZCK-Y55	ZCK-Y54
* Ø3	∩ 3
** 11 to 115	11 to 115
*** 53 to 158	53 to 158

ZCK-Y81



ZCK-Y91



Pneumatic switch bodies

PXC-K211, PXC-K221

