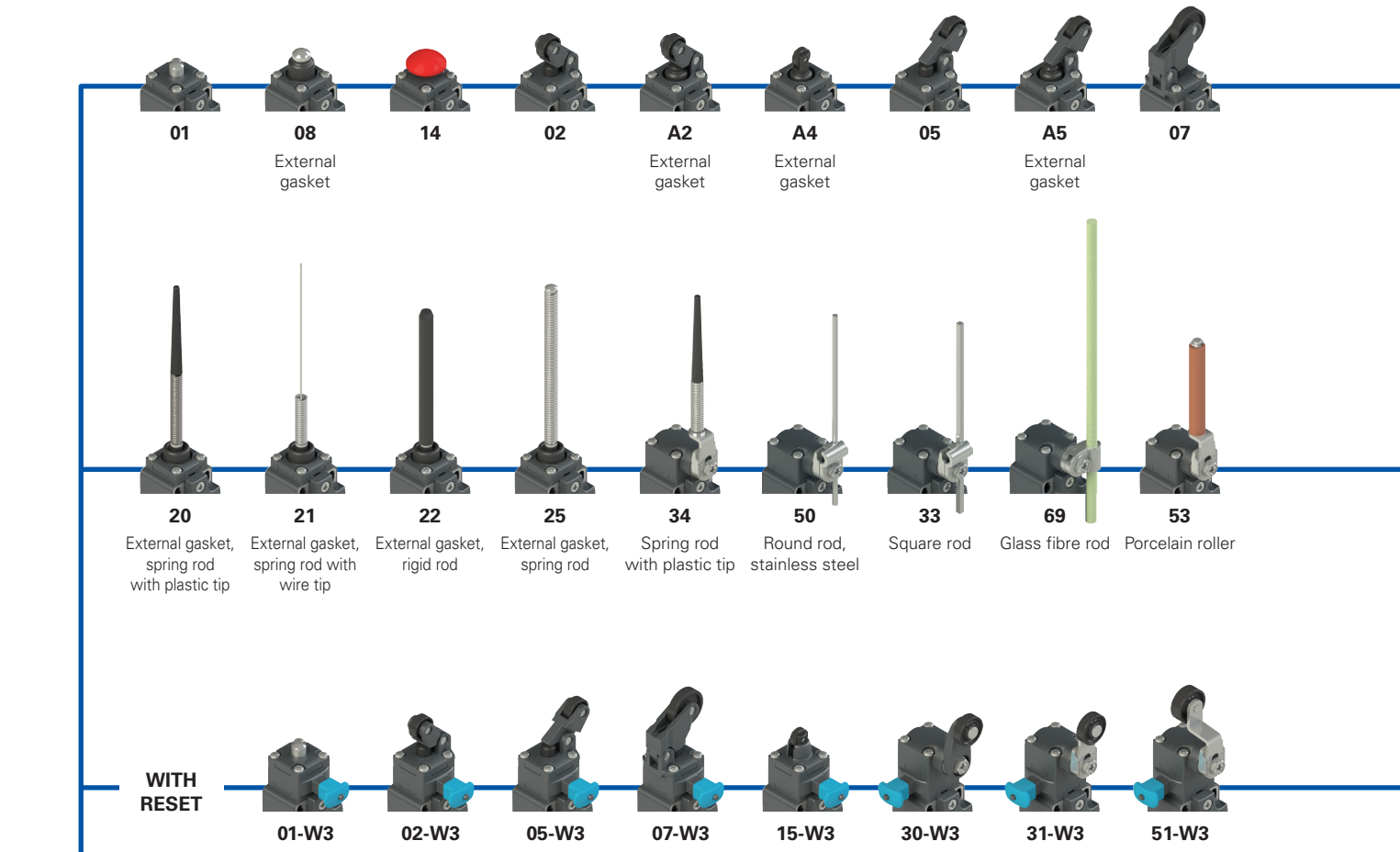
Selection diagram



Threaded conduit entry

M2	M20x1.5 (standard)
	PG 11

With cable gland

K24	for cables Ø 5 … 10 mm
K28	for cables Ø 3 … 7 mm

With M12 plastic connector

K70	4-pole, bottom

Note: Only for versions with option M2

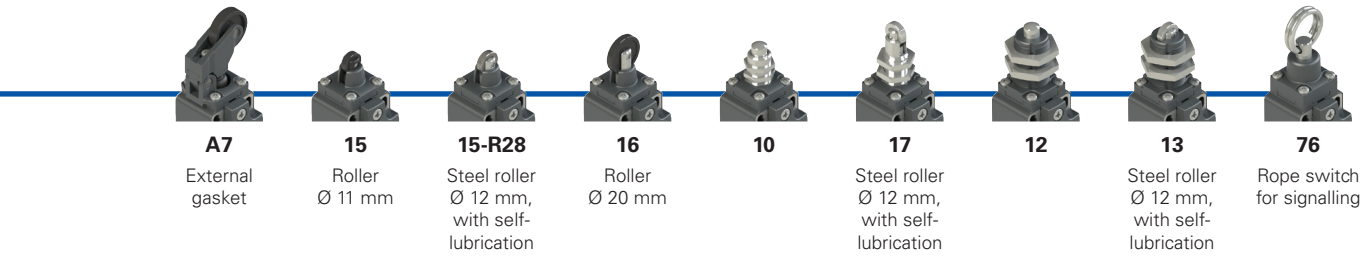
With M12 metal connector

K60	4-pole, bottom

Note: Only for versions with option M2

Product options

Sold separately as accessory



A7 External gasket

15 Roller Ø 11 mm

15-R28 Steel roller Ø 12 mm, with self-lubrication

16 Roller Ø 20 mm

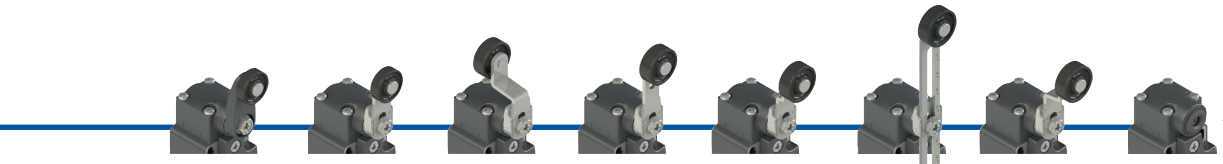
10

17 Steel roller Ø 12 mm, with self-lubrication

12

13 Steel roller Ø 12 mm, with self-lubrication

76 Rope switch for signalling



30

31

51

52

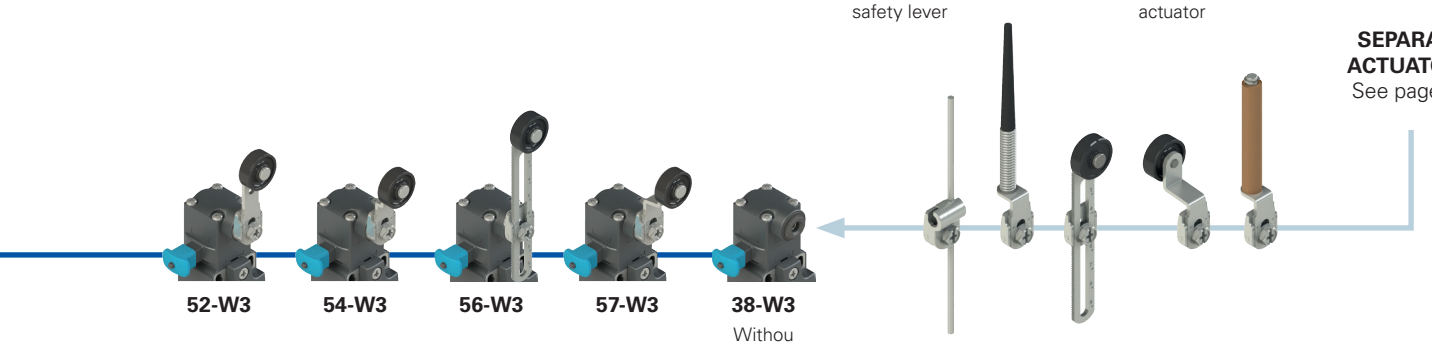
54

56 Adjustable safety lever

57

38 Without actuator

SEPARATE ACTUATORS
See page 99



52-W3

54-W3

56-W3

57-W3

38-W3 Withou actuator

Code structure

Attention! The feasibility of a code number does not mean the effective availability of a product. Please contact our sales office.

article | options | options

FK 302-W3XGM2K24R23T6

Housing

FK	technopolymer, one conduit entry

Contact block

3	1NO+1NC, snap action
33	1NO+1NC, slow action
34	2NC, slow action

Actuators

01	short plunger
02	roller lever
05	angled lever with roller
...	...

Reset

	without reset (standard)
W3	simultaneous reset
W4	simultaneous reset, increased force

External metallic parts

	zinc-plated steel (standard)
X	stainless steel

Contact type

	silver contacts (standard)
G	silver contacts, 1 µm gold coating

Ambient temperature

	-25°C … +80°C (standard)
T6	-40°C … +80°C

Pre-installed cable glands or connectors

	no cable gland or connector (standard)
K24	cable gland for cables Ø 5 … 10°mm
K70	M12 plastic connector, 4-pole

For the complete list of possible combinations please contact our technical department.

Rollers

	standard roller
R28	Steel, with self-lubrication, Ø 12 mm (for actuators A4, 15)
R44	316L stainless steel, Ø 12 mm (for actuators A4, 13, 15, 17)
R23	Steel, with self-lubrication, Ø 14 mm (for actuators A2, 02, A5, 05, 30, 31, 51, 52, 54, 55, 56, 57)
R43	316L stainless steel, Ø 14 mm (for actuators A2, 02, A5, 05, 30, 31, 51, 52, 54, 55, 56, 57)
R24	steel, with self-lubrication, Ø 20 mm (for actuators 30, 31, 51, 52, 54, 55, 56, 57)
R41	316L stainless steel, Ø 20 mm (for actuators 30, 31, 51, 52, 54, 55, 56, 57)
R36	steel, with self-lubrication, Ø 16 mm (for actuators 30, 31, 51, 52, 54, 55, 56, 57)
R25	technopolymer, Ø 35 mm (for actuators 30, 31, 51, 52, 54, 55, 56, 57)
R5	rubber, Ø 40 mm (for actuators 30, 31, 51, 52, 54, 55, 56, 57)
R26	rubber, Ø 50 mm (for actuators 51, 52, 54, 55, 56, 57)
R27	rubber, protruding, Ø 50 mm (for actuators 55, 56)

Threaded conduit entry

M2	M20x1.5 (standard)
	PG 11

FK series position switches



Main features

- Technopolymer housing, one conduit entry
- Hinged cover, fixed with single captive screw
- Metal plates on mounting holes of the housing
- Protection degree IP67 and up to IP69K for actuators without external gasket
- 3 contact blocks available
- 47 actuators available
- Versions with external parts in stainless steel
- Versions with gold-plated silver contacts

Quality marks:

IMQ approval:	EG610
UL approval:	E131787
CCC approval:	2024010305656753
EAC approval:	RU Д-IT.PA07.B.37848/24

Technical data

Housing

Housing made of glass fibre reinforced technopolymer, self-extinguishing, shock-proof and with double insulation: ⧈

One threaded conduit entry:	M20x1.5 (standard)
Protection degree:	IP67 acc. to EN 60529 (with cable gland of equal or higher protection degree)
Protection degree with actuators 01, 02, 05, 07, 10, 12, 13, 14, 15, 15-R28, 16, 17, 30, 31, 33, 34, 38, 50, 51, 52, 53, 54, 55, 56, 57, 69, 76	IP69K acc. to ISO 20653 (cable gland of equal or higher protection degree)

General data

Ambient temperature:	-25°C … +80°C (standard) -40°C … +80°C (T6 option)
Max. actuation frequency:	3600 operating cycles/hour
Mechanical endurance:	20 million operating cycles
Mounting position:	any
Safety parameter B_{10D}:	40,000,000 for NC contacts
Mechanical interlock, not coded:	type 1 acc. to EN ISO 14119
Tightening torques for installation:	see page 221
Wire cross-sections and wire stripping lengths:	see page 239

In compliance with standards:
IEC 60947-5-1, EN 60947-5-1, IEC 60947-1, EN 60947-1, IEC 60204-1, EN 60204-1, EN ISO 14119, EN ISO 12100, IEC 60529, EN 60529, EN IEC 63000, UL 508, CSA C22.2 No. 14.
Approvals:
IEC 60947-5-1, UL 508, CSA C22.2 No. 14, GB/T14048.5.

Compliance with the requirements of:
Low Voltage Directive 2014/35/EU, EMC Directive 2014/30/EU, RoHS Directive 2011/65/EU.
Positive contact opening in conformity with standards:
IEC 60947-5-1, EN 60947-5-1.

Installation for safety applications:
Use only switches marked with the ⊖ symbol beside the product code. Always connect the safety circuit to the **NC contacts** (normally closed contacts: 11-12, 21-22 or 31-32) as required by **EN ISO 14119, paragraph 5.4** for specific interlock applications and **EN ISO 13849-2 tables D3** (well-tried components) and **D.8** (fault exclusions) for safety applications in general. Actuate the switch **at least up to the positive opening travel** shown in the travel diagrams on page 222. Actuate the switch **at least with the positive opening force**, reported in brackets below each article, next to the actuating force value.

⚠ **If not expressly indicated in this chapter, for correct installation and utilization of all articles see chapter Utilization requirements from page 217 to page 232.**

Electrical data

Utilization category

without connector

Thermal current (I_{th}):	10 A
Rated insulation voltage (U_i):	500 Vac 600 Vdc 400 Vac 500 Vdc (contact blocks 33, 34)
Rated impulse withstand voltage (U_{imp}):	6 kV 4 kV (contact blocks 33, 34)
Conditional short circuit current:	1000 A acc. to EN 60947-5-1
Protection against short circuits:	type aM fuse 10 A 500 V
Pollution degree:	3

Alternating current: AC15 (50÷60 Hz)

Ue (V)	250	400	500
Ie (A)	6	4	1

Direct current: DC13

Ue (V)	24	125	250
Ie (A)	3	0.55	0.3

with M12 connector, 4-pole

Thermal current (I_{th}):	4 A
Rated insulation voltage (U_i):	250 Vac 300 Vdc
Protection against short circuits:	type gG fuse 4 A 500 V
Pollution degree:	3

Alternating current: AC15 (50÷60 Hz)

Ue (V)	24	120	250
Ie (A)	4	4	4

Direct current: DC13

Ue (V)	24	125	250
Ie (A)	3	0.55	0.3

Features approved by IMQ

Rated insulation voltage (U_i):	500 Vac 400 Vac (for contact blocks 33, 34)
Conventional free air thermal current (I_{th}):	10 A
Protection against short circuits:	type aM fuse 10 A 500 V
Rated impulse withstand voltage (U_{imp}):	6 kV 4 kV (for contact blocks 33, 34)
Protection degree of the housing:	IP67
MV terminals (screw terminals)	
Pollution degree:	3
Utilization category:	AC15
Operating voltage (U_e):	400 Vac (50 Hz)
Operating current (I_e):	3 A

Forms of the contact element: Za, Zb, Y+Y, Y.
Positive opening of contacts on contact blocks 33, 34.
In compliance with standards: EN 60947-1, EN 60947-5-1, fundamental requirements of the Low Voltage Directive 2014/35/EU.

Please contact our technical department for the list of approved products.

Features approved by UL

Electrical Ratings:	Q300 pilot duty (69 VA, 125-250 V dc) A600 pilot duty (720 VA, 120-600 V ac)
Environmental Ratings:	Types 1, 4X, 12, 13

For all contact blocks except 2 and 3 use 60 or 75°C copper (Cu) conductors, rigid or flexible, wire size 12, 14 AWG. Tightening torque for terminal screws of 7.1 lb in (0.8 Nm).

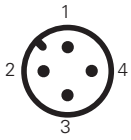
For contact blocks 2 and 3 use 60 or 75°C copper (Cu) conductors, rigid or flexible, wire size 14 AWG. Tightening torque for terminal screws of 12 lb in (1.4 Nm).

The hub is to be connected to the conduit before the hub is connected to the enclosure.

Please contact our technical department for the list of approved products.

Wiring diagram for M12 connectors

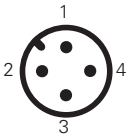
Contact block 3
1NO+1NC



M12 connector, 4-pole

Contacts	Pin no.
NC	1-2
NO	3-4

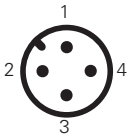
Contact block 33
1NO+1NC



M12 connector, 4-pole

Contacts	Pin no.
NC	1-2
NO	3-4

Contact block 34
2NC



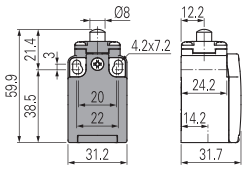
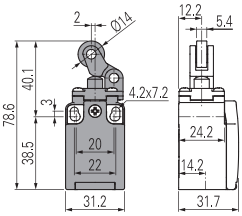
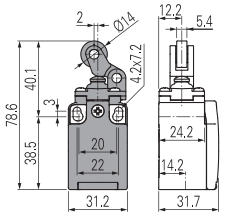
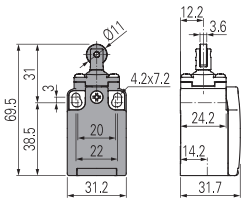
M12 connector, 4-pole

Contacts	Pin no.
NC	1-2
NC	3-4

FK series position switches

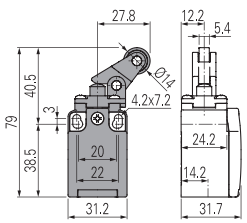
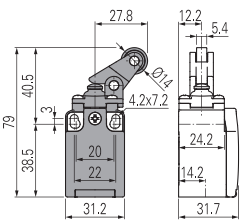
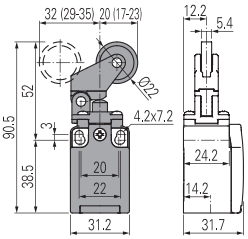
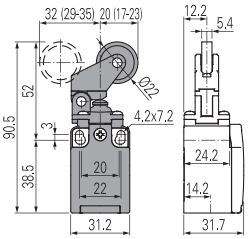
Contact type
R = snap action
L = slow action

Contact block

			With steel roller with self-lubrication or 316L stainless steel on request		External gasket With steel roller with self-lubrication or 316L stainless steel on request		External gasket With Ø 12 mm steel roller with self-lubrication or 316L stainless steel on request
									
3	R	FK 301-M2	1NO-1NC	FK 302-M2	1NO-1NC	FK 3A2-M2	1NO-1NC	FK 3A4-M2	1NO-1NC
33	L	FK 3301-M2 →	1NO+1NC	FK 3302-M2 →	1NO+1NC	FK 33A2-M2 →	1NO+1NC	FK 33A4-M2 →	1NO+1NC
34	L	FK 3401-M2 →	2NC	FK 3402-M2 →	2NC	FK 34A2-M2 →	2NC	FK 34A4-M2 →	2NC
Max. speed		page 221 - type 4		page 221 - type 3		page 221 - type 3		page 221 - type 5	
Actuating force		5 N (25 N →)		4 N (25 N →)		4.3 N (25 N →)		4.3 N (25 N →)	
Travel diagrams		page 222 - group 1		page 222 - group 2		page 222 - group 2		page 222 - group 1	

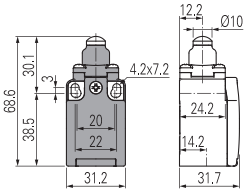
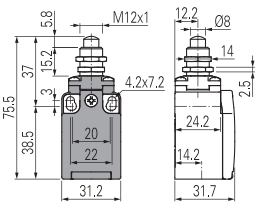
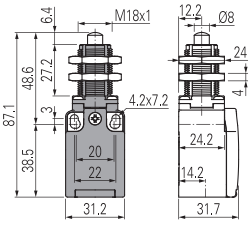
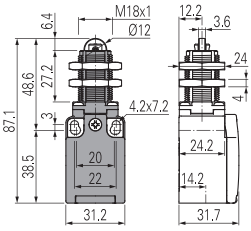
Contact type
R = snap action
L = slow action

Contact block

			With steel roller with self-lubrication or 316L stainless steel on request		External gasket With steel roller with self-lubrication or 316L stainless steel on request		External gasket
								
3	R	FK 305-M2	1NO-1NC	FK 3A5-M2	1NO-1NC	FK 307-M2	1NO-1NC	FK 3A7-M2	1NO-1NC
33	L	FK 3305-M2 →	1NO+1NC	FK 33A5-M2 →	1NO+1NC	FK 3307-M2 →	1NO+1NC	FK 33A7-M2 →	1NO+1NC
34	L	FK 3405-M2 →	2NC	FK 34A5-M2 →	2NC	FK 3407-M2 →	2NC	FK 34A7-M2 →	2NC
Max. speed		page 221 - type 3		page 221 - type 3		page 221 - type 3		page 221 - type 3	
Actuating force		4 N (25 N →)		4.3 N (25 N →)		4 N (25 N →)		3 N (25 N →)	
Travel diagrams		page 222 - group 2		page 222 - group 2		page 222 - group 3		page 222 - group 3	

Contact type
R = snap action
L = slow action

Contact block

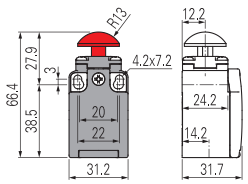
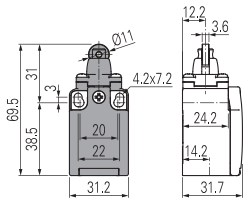
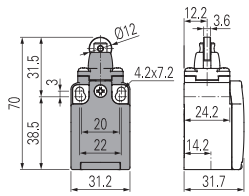
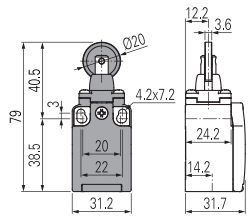
			External gasket		Secured only by means of threaded head in vertical position				
									
3	R	FK 308-M2	1NO-1NC	FK 310-M2	1NO-1NC	FK 312-M2	1NO-1NC	FK 313-M2	1NO-1NC
33	L	FK 3308-M2 →	1NO+1NC	FK 3310-M2 →	1NO+1NC	FK 3312-M2 →	1NO+1NC	FK 3313-M2 →	1NO+1NC
34	L	FK 3408-M2 →	2NC	FK 3410-M2 →	2NC	FK 3412-M2 →	2NC	FK 3413-M2 →	2NC
Max. speed		page 221 - type 4		page 221 - type 4		page 221 - type 4		page 221 - type 2	
Actuating force		5 N (25 N →)		5 N (25 N →)		5 N (25 N →)		5 N (25 N →)	
Travel diagrams		page 222 - group 1		page 222 - group 1		page 222 - group 1		page 222 - group 1	

All values in the drawings are in mm

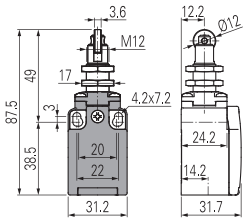
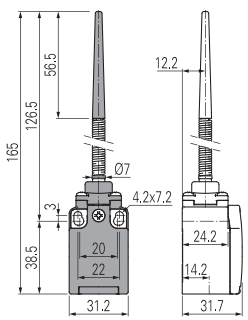
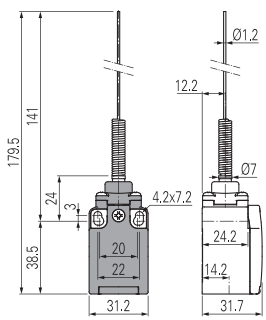
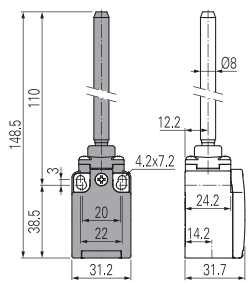
Accessories See page 195

→ The 2D and 3D files are available at **www.pizzato.com**

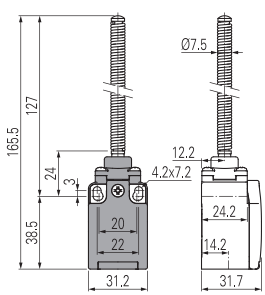
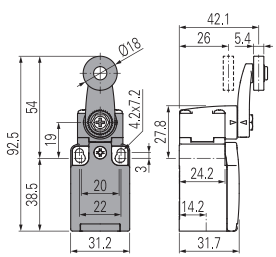
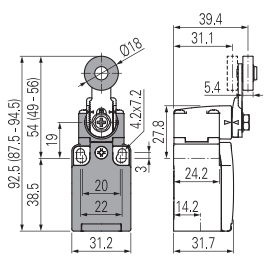
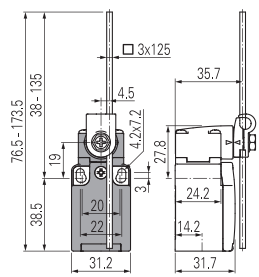
Contact type
R = snap action
L = slow action

			Roller, Ø 11 mm, technopolymer	Steel roller, Ø 12 mm, with self-lubrication With 316L stainless steel roller on request	
					
Contact block					
3	R	FK 314-M2 1NO-1NC	FK 315-M2 1NO-1NC	FK 315-M2R28 1NO-1NC	FK 316-M2 1NO-1NC
33	L	FK 3314-M2 → 1NO+1NC	FK 3315-M2 → 1NO+1NC	FK 3315-M2R28 → 1NO+1NC	FK 3316-M2 → 1NO+1NC
34	L	FK 3414-M2 → 2NC	FK 3415-M2 → 2NC	FK 3415-M2R28 → 2NC	FK 3416-M2 → 2NC
Max. speed		page 221 - type 4	page 221 - type 2	page 221 - type 2	page 221 - type 2
Actuating force		6 N (25 N →)	5 N (25 N →)	5 N (25 N →)	5 N (25 N →)
Travel diagrams		page 222 - group 1	page 222 - group 1	page 222 - group 1	page 222 - group 1

Contact type
R = snap action
L = slow action

		Secured only by means of threaded head in vertical position	External gasket Spring rod	External gasket Spring rod	External gasket Rigid rod
					
Contact block					
3	R	FK 317-M2 1NO-1NC	FK 320-M2 1NO-1NC	FK 321-M2 1NO-1NC	FK 322-M2 1NO-1NC
33	L	FK 3317-M2 → 1NO+1NC	FK 3320-M2 1NO+1NC	FK 3321-M2 1NO+1NC	FK 3322-M2 → 1NO+1NC
34	L	FK 3417-M2 → 2NC	FK 3420-M2 2NC	FK 3421-M2 2NC	FK 3422-M2 → 2NC
Max. speed		page 221 - type 2	1 m/s	1 m/s	1 m/s
Actuating force		5 N (25 N →)	0.05 Nm	0.05 Nm	0.05 Nm (0.25 Nm →)
Travel diagrams		page 222 - group 1	page 222 - group 4	page 222 - group 4	page 222 - group 4

Contact type
R = snap action
L = slow action

		External gasket Spring rod	With Ø 20 mm steel roller with self-lubrication or 316L stainless steel on request	Other rollers available. See page 100	Square rod, 3x3 mm
					
Contact block					
3	R	FK 325-M2 1NO-1NC	FK 330-M2 1NO-1NC	FK 331-M2 1NO-1NC	FK 333-M2 1NO-1NC
33	L	FK 3325-M2 1NO+1NC	FK 3330-M2 → 1NO+1NC	FK 3331-M2 → 1NO+1NC	FK 3333-M2 1NO+1NC
34	L	FK 3425-M2 2NC	FK 3430-M2 → 2NC	FK 3431-M2 → 2NC	FK 3433-M2 2NC
Max. speed		1 m/s	page 221 - type 1	page 221 - type 1	1.5 m/s
Actuating force		0.1 Nm	0.05 Nm (0.25 Nm →)	0.05 Nm (0.25 Nm →)	0.05 Nm
Travel diagrams		page 222 - group 4	page 222 - group 5	page 222 - group 5	page 222 - group 5

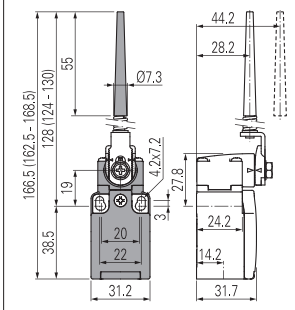
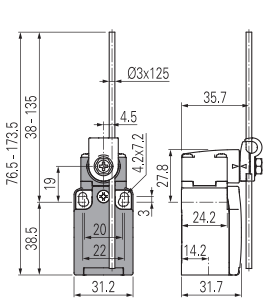
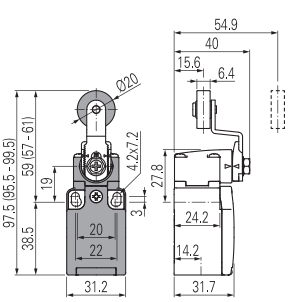
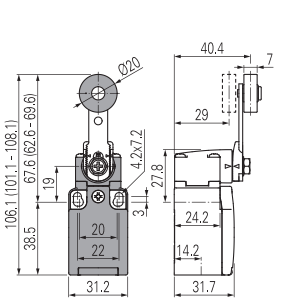
All values in the drawings are in mm

Accessories See page 195

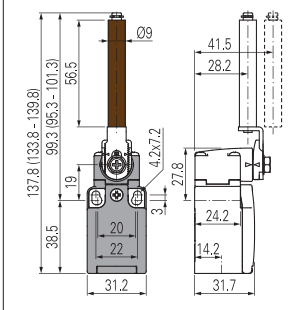
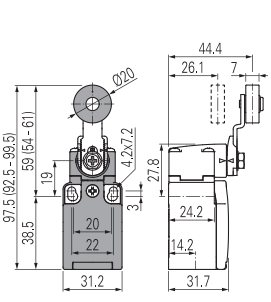
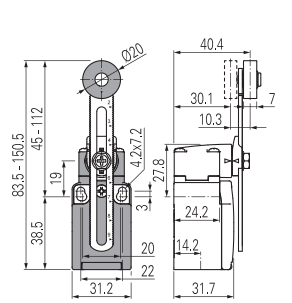
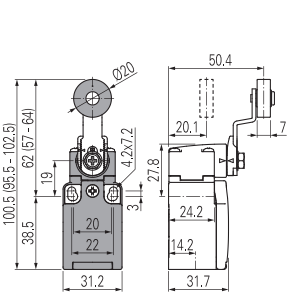
➔ The 2D and 3D files are available at **www.pizzato.com**

FK series position switches

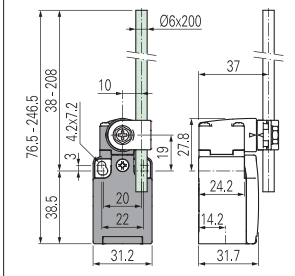
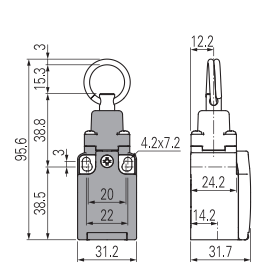
Contact type
R = snap action
L = slow action

Contact block								
			Round rod, Ø 3 mm, stainless steel		Other rollers available. See page 100		Other rollers available. See page 100	
3	R	FK 334-M2	1NO-1NC	FK 350-M2	1NO-1NC	FK 351-M2	1NO-1NC	FK 352-M2	1NO-1NC
33	L	FK 3334-M2	1NO+1NC	FK 3350-M2	1NO+1NC	FK 3351-M2 →	1NO+1NC	FK 3352-M2 →	1NO+1NC
34	L	FK 3434-M2	2NC	FK 3450-M2	2NC	FK 3451-M2 →	2NC	FK 3452-M2 →	2NC
Max. speed		1.5 m/s		1.5 m/s		page 221 - type 1		page 221 - type 1	
Actuating force		0.05 Nm		0.05 Nm		0.05 Nm (0.25 Nm →)		0.05 Nm (0.25 Nm →)	
Travel diagrams		page 222 - group 5		page 222 - group 5		page 222 - group 5		page 222 - group 5	

Contact type
R = snap action
L = slow action

Contact block								
		Porcelain roller		Other rollers available. See page 100		Other rollers available. See page 100		Other rollers available. See page 100	
									
3	R	FK 353-E0M2	1NO-1NC	FK 354-M2	1NO-1NC	FK 356-M2	1NO-1NC	FK 357-M2	1NO-1NC
33	L	FK 3353-E0M2V9 →	1NO+1NC	FK 3354-M2 →	1NO+1NC	FK 3356-M2 →	1NO+1NC	FK 3357-M2 →	1NO+1NC
34	L	FK 3453-E0M2V9 →	2NC	FK 3454-M2 →	2NC	FK 3456-M2 →	2NC	FK 3457-M2 →	2NC
Max. speed		0.5 m/s		page 221 - type 1		page 221 - type 1		page 221 - type 1	
Actuating force		0.02 Nm (0.25 Nm →)		0.05 Nm (0.25 Nm →)		0.05 Nm (0.25 Nm →)		0.05 Nm (0.25 Nm →)	
Travel diagrams		page 222 - group 6		page 222 - group 5		page 222 - group 5		page 222 - group 5	

Contact type
R = snap action
L = slow action

Contact block					
		Glass fibre rod		Rope switch for signalling	
3	R	FK 369-M2	1NO-1NC	FK 376-M2	1NO-1NC
33	L	FK 3369-M2	1NO+1NC	FK 3376-M2	1NO+1NC
34	L	FK 3469-M2	2NC	FK 3476-M2	2NO
Max. speed		1.5 m/s		0.5 m/s	
Actuating force		0.05 Nm		initial 20 N - final 40 N	
Travel diagrams		page 222 - group 5		page 222 - group 7	

All values in the drawings are in mm

Accessories See page 195

→ The 2D and 3D files are available at **www.pizzato.com**

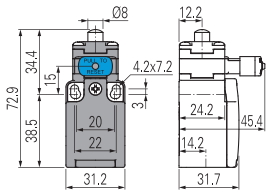
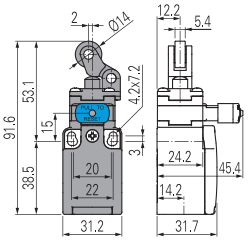
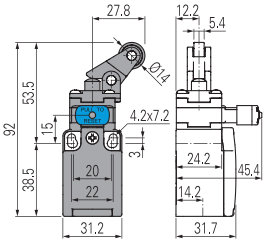
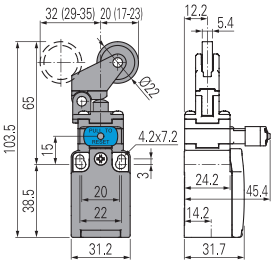
FK series position switches with reset



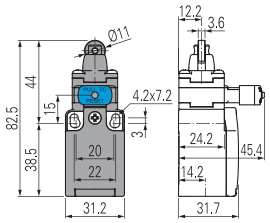
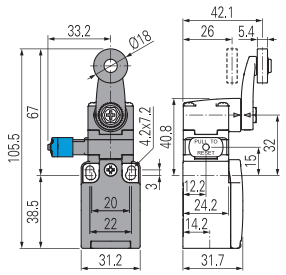
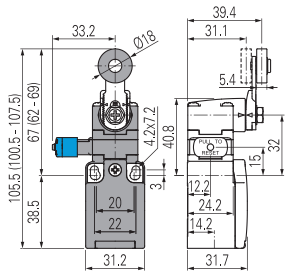
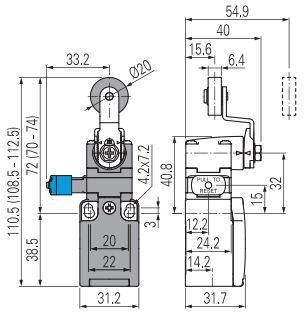
The majority of switches can be equipped with a reset device (option W3) which enables the simultaneous actuation of actuator and contact block. The device is a module that is mounted between the body and the head of the switch that can be rotated independently from the head. The reset device has the following advantages:

- can be integrated into the majority of standard actuator heads;
- contact blocks with snap action are no more necessary because the tripping movement is executed by the reset device itself;
- can be rotated independently from the head ensuring maximum flexibility during installation;
- can be delivered with two different actuating forces: standard and increased for vibration applications;
- mechanical endurance: 1 million operating cycles.

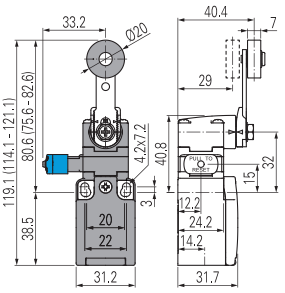
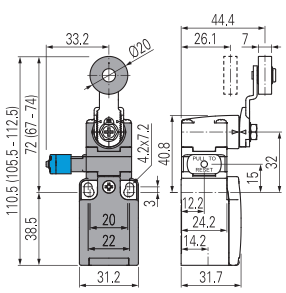
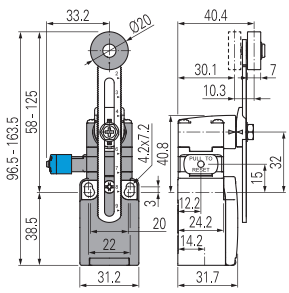
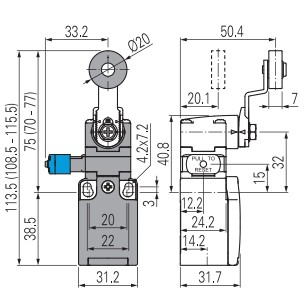
Contact type
R = snap action
L = slow action

Contact block					
			With steel roller with self-lubrication or 316L stainless steel on request	With steel roller with self-lubrication or 316L stainless steel on request	
					
33 L		FK 3301-W3M2 1NO+1NC	FK 3302-W3M2 1NO+1NC	FK 3305-W3M2 1NO+1NC	FK 3307-W3M2 1NO+1NC
34 L		FK 3401-W3M2 2NC	FK 3402-W3M2 2NC	FK 3405-W3M2 2NC	FK 3407-W3M2 2NC
Max. speed		page 221 - type 4	page 221 - type 3	page 221 - type 3	page 221 - type 3
Actuating force		4.5 N (25 N)	4 N (25 N)	4 N (25 N)	2.5 N (25 N)
Travel diagrams		page 223 - group 1	page 223 - group 2	page 223 - group 2	page 223 - group 3

Contact type
R = snap action
L = slow action

Contact block					
		With Ø 12 mm steel roller with self-lubrication or 316L stainless steel on request	With Ø 20 mm steel roller with self-lubrication or 316L stainless steel on request	Other rollers available. See page 100	Other rollers available. See page 100
					
33 L		FK 3315-W3M2 1NO+1NC	FK 3330-W3M2 1NO+1NC	FK 3331-W3M2 1NO+1NC	FK 3351-W3M2 1NO+1NC
34 L		FK 3415-W3M2 2NC	FK 3430-W3M2 2NC	FK 3431-W3M2 2NC	FK 3451-W3M2 2NC
Max. speed		page 221 - type 2	page 221 - type 1	page 221 - type 1	page 221 - type 1
Actuating force		4.5 N (25 N)	0.07 Nm (0.25 Nm)	0.07 Nm (0.25 Nm)	0.07 Nm (0.25 Nm)
Travel diagrams		page 223 - group 1	page 223 - group 4	page 223 - group 4	page 223 - group 4

Contact type
R = snap action
L = slow action

Contact block					
		Other rollers available. See page 100	Other rollers available. See page 100	Other rollers available. See page 100	Other rollers available. See page 100
					
33 L		FK 3352-W3M2 1NO+1NC	FK 3354-W3M2 1NO+1NC	FK 3356-W3M2 1NO+1NC	FK 3357-W3M2 1NO+1NC
34 L		FK 3452-W3M2 2NC	FK 3454-W3M2 2NC	FK 3456-W3M2 2NC	FK 3457-W3M2 2NC
Max. speed		page 221 - type 1	page 221 - type 1	page 221 - type 1	page 221 - type 1
Actuating force		0.07 Nm (0.25 Nm)	0.07 Nm (0.25 Nm)	0.07 Nm (0.25 Nm)	0.07 Nm (0.25 Nm)
Travel diagrams		page 223 - group 4	page 223 - group 4	page 223 - group 4	page 223 - group 4

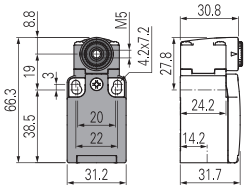
All values in the drawings are in mm

Accessories See page 195

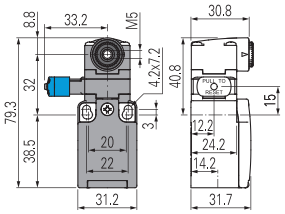
→ The 2D and 3D files are available at **www.pizzato.com**

Position switches with swivelling lever without actuator

Contact type
R = snap action
L = slow action



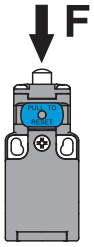
With manual reset knob



Contact block				With manual reset knob	
3	R	FK 338-M2	1NO-1NC	/	
33	L	FK 3338-M2 ⊕	1NO+1NC	FK 3338-W3M2 ⊕	1NO+1NC
34	L	FK 3438-M2 ⊕	2NC	FK 3438-W3M2 ⊕	2NC
Actuating force		0.06 Nm (0.25 Nm ⊕)		0.07 Nm (0.25 Nm ⊕)	
Travel diagrams		page 222 - group 5		page 223 - group 4	

IMPORTANT
For safety applications: join only switches and actuators marked with symbol ⊕ next to the product code.
For more information about safety applications see details on page 217.

Increased actuating force



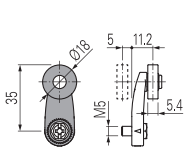
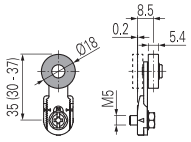
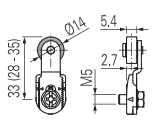
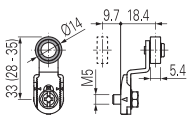
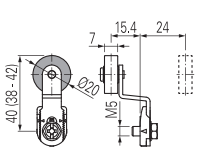
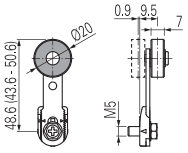
The switch can be delivered with increased actuating force (option W4). Ideal for vibration applications.

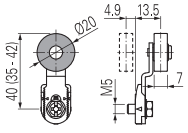
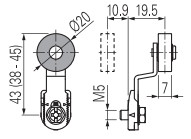
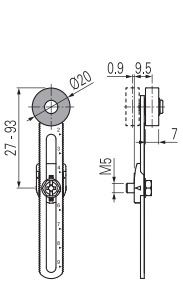
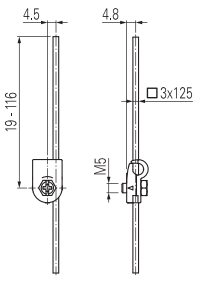
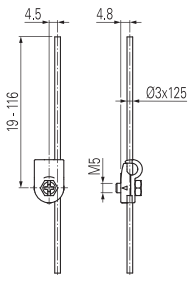
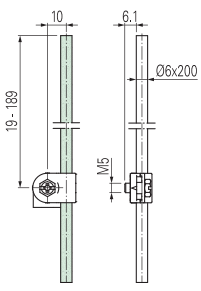
Actuators	Actuating force
01, 14, 15, 16	7 N
02, 05	6 N
07	3.5 N
30 … 57	0.08 Nm

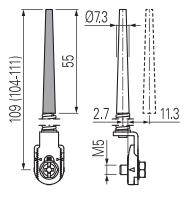
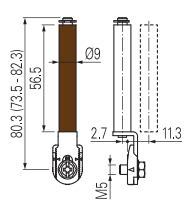
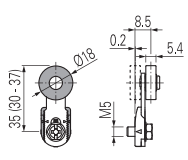
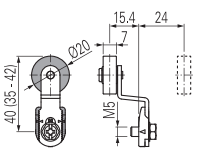
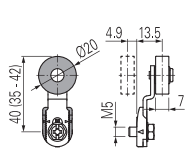
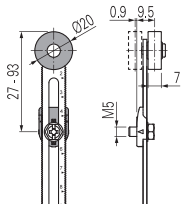
To order the switch with reset and increased actuating force, replace the -W3 option with -W4 in the order code.
Example: FK 3301-**W3**M2 ➔ FK 3301-**W4**M2

Separate actuators

IMPORTANT: These separate actuators can be used only with items of the FR, FM, FX, FK, NA, NB and NF series.

Technopolymer roller Ø 18 mm	Technopolymer roller Ø 18 mm	Technopolymer roller Ø 14 mm	Technopolymer roller Ø 14 mm	Technopolymer roller Ø 20 mm	Technopolymer roller Ø 20 mm
					
VN A00KA ⊕	VN A00KB ⊕	VN A00KC ⊕	VN A00KD ⊕	VN A00KE ⊕	VN A00KF ⊕

Technopolymer roller Ø 20 mm	Technopolymer roller Ø 20 mm	Adjustable safety actuator with technopolymer roller	Adjustable square rod, 3x3x125 mm	Adjustable round rod Ø 3x125 mm	Adjustable glass fibre rod
					
VN A00KG ⊕	VN A00KH ⊕	VN A00KP ⊕	VN A00LB	VN A00LE	VN A00LH

Spring rod with plastic tip	Porcelain roller	Technopolymer roller Ø 18 mm	Technopolymer roller Ø 20 mm	Technopolymer roller Ø 20 mm	Adjustable safety lever with Ø 20 mm technopolymer roller
		With metallic parts in stainless steel			
					
VN A00LL	VN A00LP ⊕ (2)	VN A00KB-V38 ⊕	VN A00KE-V38 ⊕	VN A00KG-V38 ⊕	VN A00KP-V38 ⊕

All values in the drawings are in mm

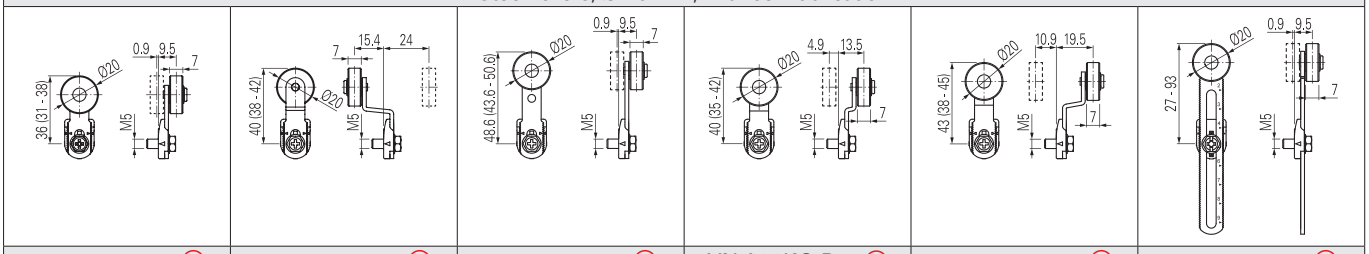
Accessories See page 195

➔ The 2D and 3D files are available at **www.pizzato.com**

Special separate actuators

IMPORTANT: These separate actuators can be used only with items of the FR, FM, FX, FK, NA, NB and NF series.

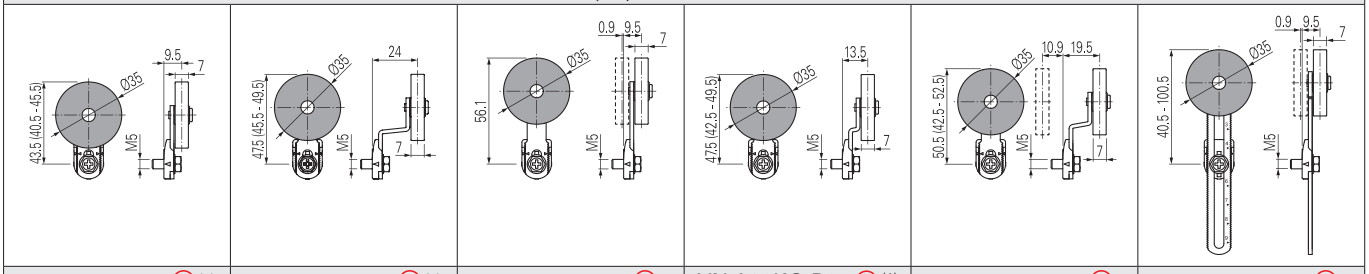
Steel rollers, Ø 20 mm, with self-lubrication



VN A00KB-R24 | VN A00KE-R24 | VN A00KF-R24 | VN A00KG-R24 | VN A00KH-R24 | VN A00KP-R24

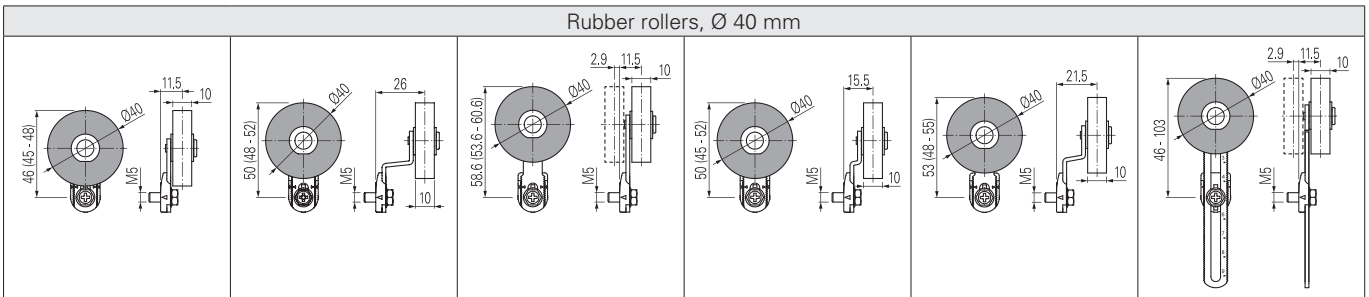
Note: To order with 316L stainless steel roller: replace R24 with R41 in the order numbers.

Technopolymer rollers, Ø 35 mm



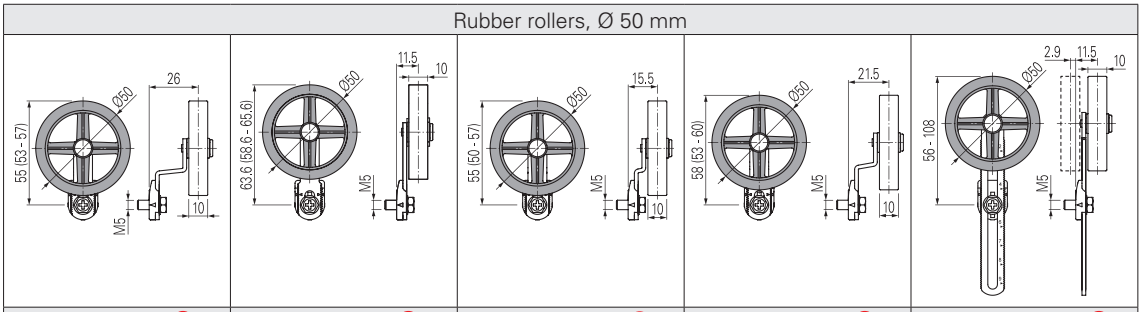
VN A00KB-R25 (1) | VN A00KE-R25 (1) | VN A00KF-R25 | VN A00KG-R25 (1) | VN A00KH-R25 | VN A00KP-R25

Rubber rollers, Ø 40 mm



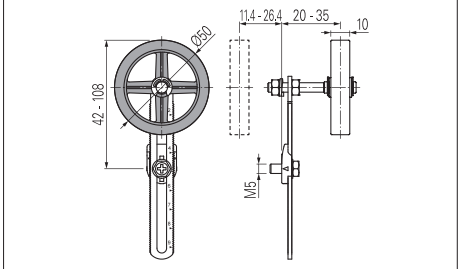
VN A00KB-R5 (1) | VN A00KE-R5 (1) | VN A00KF-R5 | VN A00KG-R5 (1) | VN A00KH-R5 (1) | VN A00KP-R5

Rubber rollers, Ø 50 mm



VN A00KE-R26 (1) | VN A00KF-R26 (1) | VN A00KG-R26 (1) | VN A00KH-R26 (1) | VN A00KP-R26

Protruding rubber rollers, Ø 50 mm



VN A00KP-R27

- (1) The actuator cannot be rotated to the inside because it will hit the switch head upon actuation.
- (2) The position switch obtained by assembling switch FK •38-M2 (e.g. FK 538-M2, FK 638-M2, ...) with actuator VN A00LP will not present the same travel diagrams and actuating forces as switch FK •53-E0M2V9 (e.g. FK 553-E0M2V9, FK 653-E0M2V9, ...).

Note: To check the correspondence with previous lever codes, please consult the table "Changed article codes" on page 277. Example: VF LE30 -> VN A00KA

All values in the drawings are in mm

Accessories See page 195

➔ The 2D and 3D files are available at **www.pizzato.com**