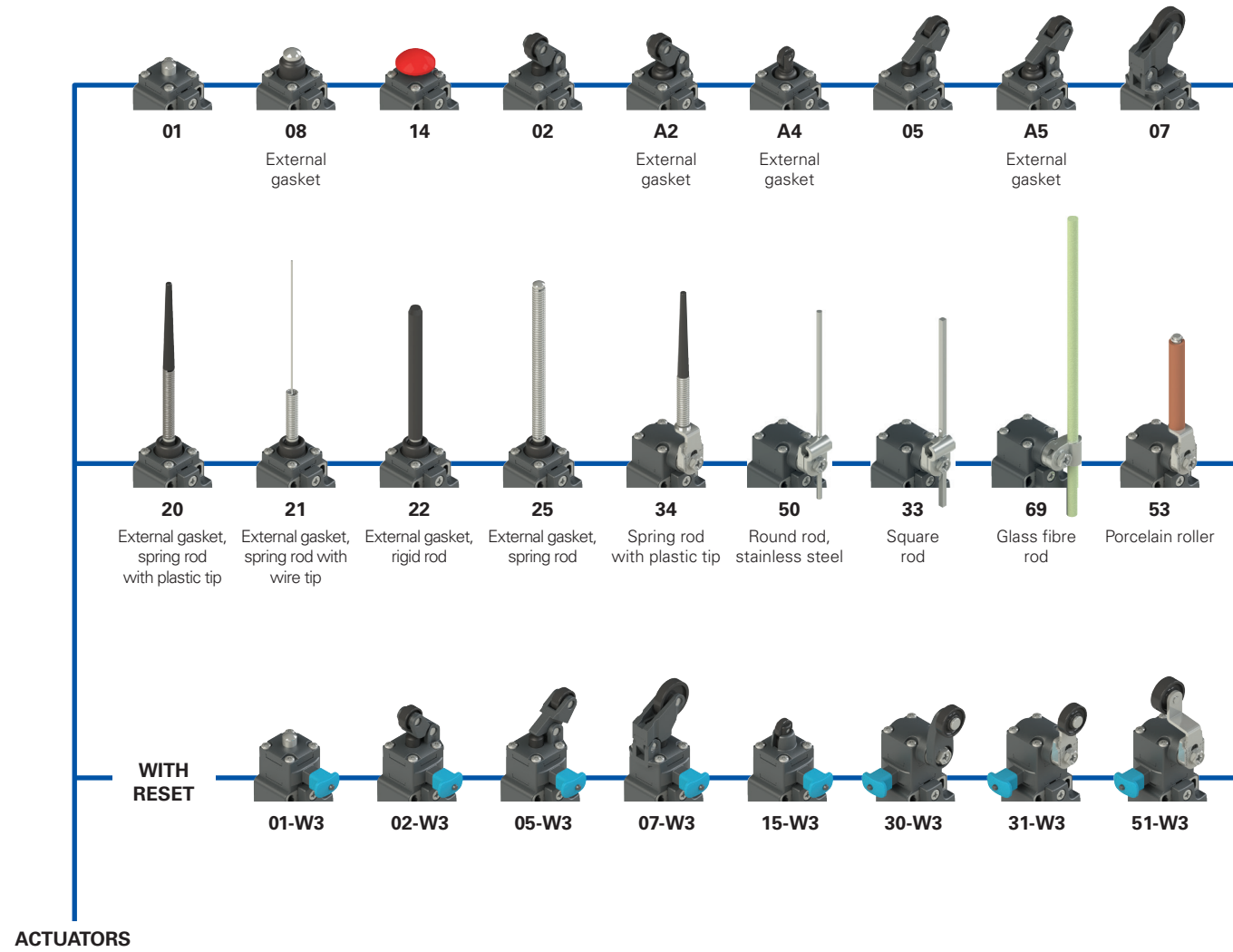


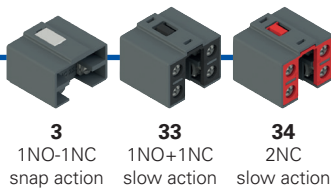
Selection diagram



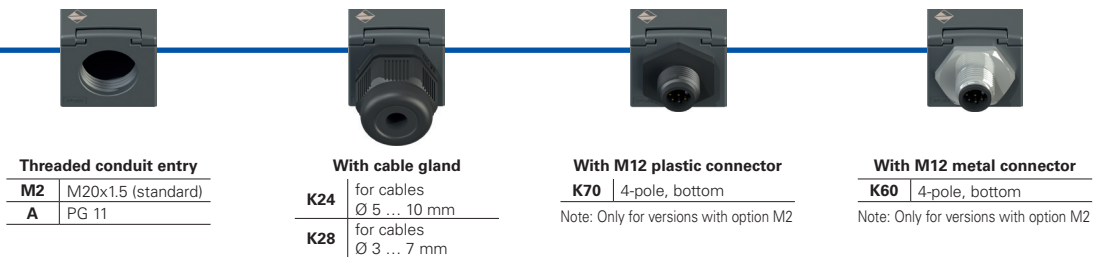
ACTUATORS



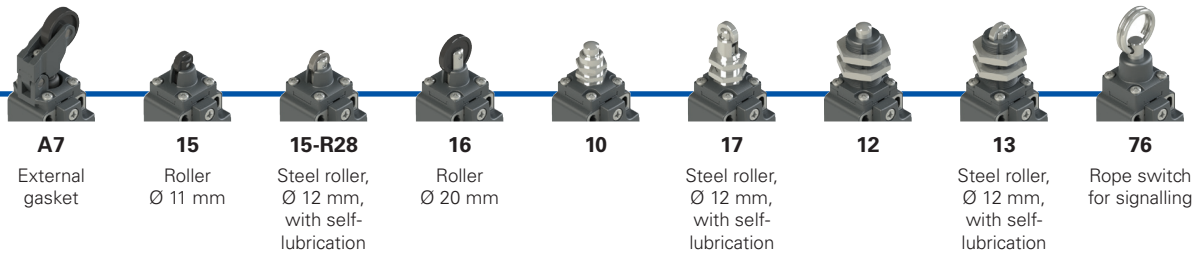
CONTACT BLOCKS



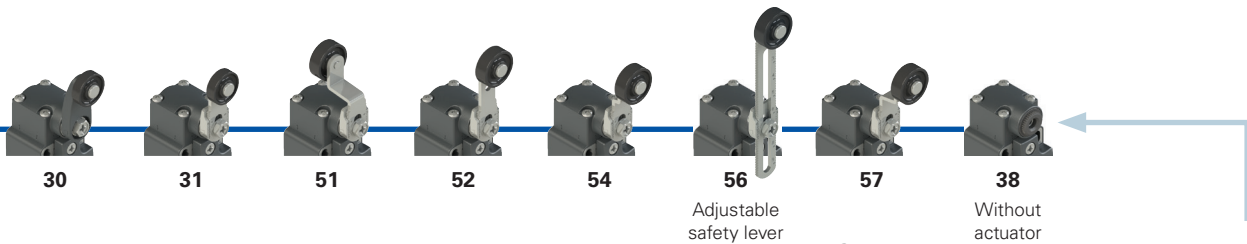
CONDUIT ENTRY



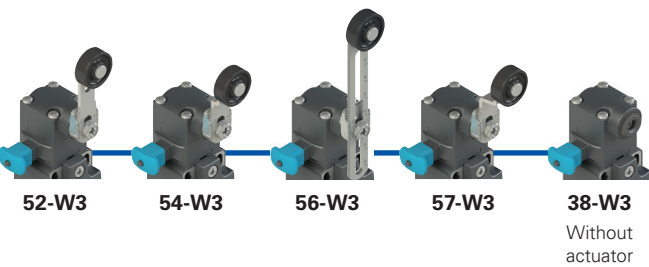
- Product options
- ➔ Sold separately as accessory



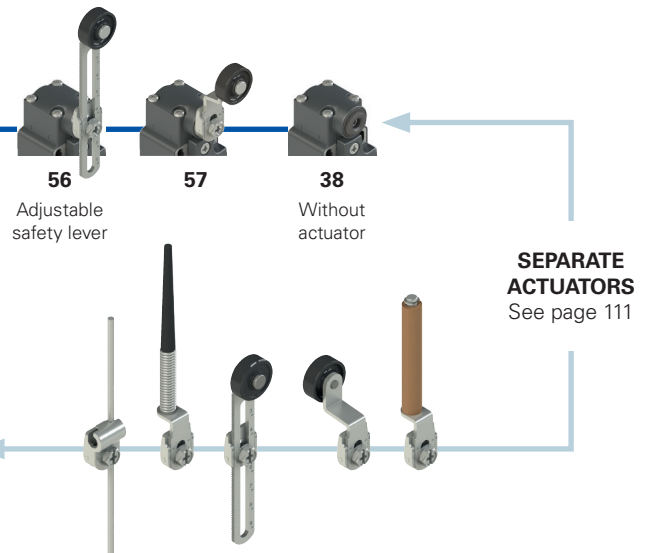
A7 External gasket
15 Roller Ø 11 mm
15-R28 Steel roller, Ø 12 mm, with self-lubrication
16 Roller Ø 20 mm
10
17 Steel roller, Ø 12 mm, with self-lubrication
12
13 Steel roller, Ø 12 mm, with self-lubrication
76 Rope switch for signalling



30
31
51
52
54
56 Adjustable safety lever
57
38 Without actuator



52-W3
54-W3
56-W3
57-W3
38-W3 Without actuator



SEPARATE ACTUATORS
 See page 111

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

Ambient temperature	
	-25°C ... +80°C (standard)
T6	-40°C ... +80°C

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

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



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:	2021000305000101
EAC approval:	RU C-IT.YT03.B.00035/19

Installation for safety applications:

Use only switches marked with the \ominus 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-trieed 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 232. 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 the instructions given on pages 227 to 242.

Technical data

Housing

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

One threaded conduit entry:	M16x1.5 (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 (with 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 231
Wire cross-sections and wire stripping lengths:	see page 249

In compliance with standards:

IEC 60947-5-1, EN 60947-5-1, 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.

Electrical data

Utilization category

	Electrical data	Utilization category
without connector	Thermal current (I_{th}):	10 A
	Rated insulation voltage (U_r):	500 Vac 600 Vdc 400 Vac 500 Vdc (contact blocks 33, 34)
	Rated impulse withstand voltage (U_{imp}):	6 kV 4 kV (contact block 33, 34)
	Conditional short circuit current: Protection against short circuits: Pollution degree:	1000 A acc. to EN 60947-5-1 type aM fuse 10 A 500 V 3
with M12 connector, 4-pole	Thermal current (I_{th}):	4 A
	Rated insulation voltage (U_r):	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) 250 400 500
		Ie (A) 6 4 1
		Direct current: DC13
		Ue (V) 24 125 250
		Ie (A) 3 0.55 0.3
		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_o): 400 Vac (50 Hz)

Operating current (I_o): 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

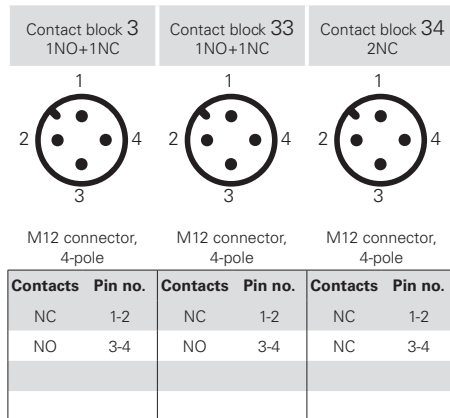
For all contact blocks except 2 and 3 use 60 or 75°C copper (Cu) conductors, rigid or flexible, wire size 12, 14 AWG. Tightening torque for terminal screws of 7.1 lb in (0.8 Nm).

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



FK series position switches

Contact type
R = snap action
L = slow action

		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 \varnothing 12 mm steel roller with self-lubrication or 316L stainless steel on request				
Contact block								
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 231 - type 4		page 231 - type 3		page 231 - type 3		page 231 - type 5	
Actuating force	5 N (25 N \ominus)		4 N (25 N \ominus)		4.3 N (25 N \ominus)		4.3 N (25 N \ominus)	
Travel diagrams	page 232 - group 1		page 232 - group 2		page 232 - group 2		page 232 - group 1	

Contact type
R = snap action
L = slow action

	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	External gasket				
Contact block								
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 231 - type 3		page 231 - type 3		page 231 - type 3		page 231 - type 3	
Actuating force	4 N (25 N \ominus)		4.3 N (25 N \ominus)		4 N (25 N \ominus)		3 N (25 N \ominus)	
Travel diagrams	page 232 - group 2		page 232 - group 2		page 232 - group 3		page 232 - group 3	

Contact type
R = snap action
L = slow action

	External gasket	Secured only by means of threaded head in vertical position	External gasket	External gasket				
Contact block								
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 231 - type 4		page 231 - type 4		page 231 - type 4		page 231 - type 2	
Actuating force	5 N (25 N \ominus)		5 N (25 N \ominus)		5 N (25 N \ominus)		5 N (25 N \ominus)	
Travel diagrams	page 232 - group 1		page 232 - group 1		page 232 - group 1		page 232 - group 1	

All values in the drawings are in mm

Accessories See page 207

→ 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
33 L	FK 3314-M2	1NO+1NC	FK 3315-M2	1NO+1NC
34 L	FK 3414-M2	2NC	FK 3415-M2	2NC
Max. speed	page 231 - type 4		page 231 - type 2	
Actuating force	6 N (25 N)		5 N (25 N)	
Travel diagrams	page 232 - group 1		page 232 - 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 231 - 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 N)	
Travel diagrams	page 232 - group 1		page 232 - group 4		page 232 - group 4		page 232 - 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 112		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 231 - type 1		page 231 - type 1		1.5 m/s	
Actuating force	0.1 Nm		0.05 Nm (0.25 N)		0.05 Nm (0.25 N)		0.05 Nm	
Travel diagrams	page 232 - group 4		page 232 - group 5		page 232 - group 5		page 232 - group 5	

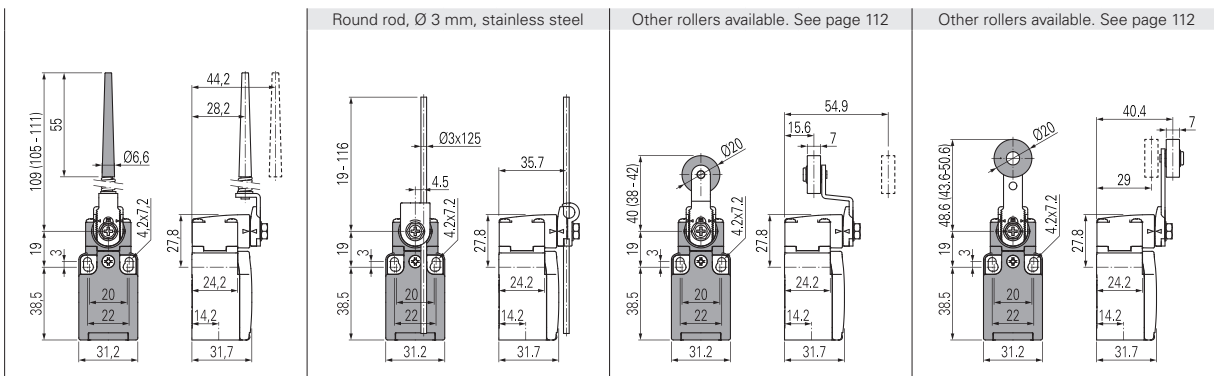
All values in the drawings are in mm

Accessories See page 207

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

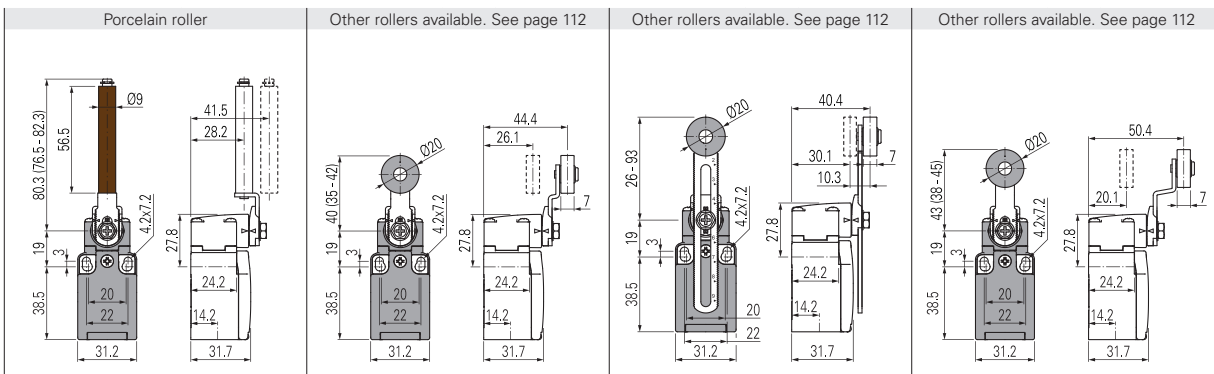
FK series position switches

Contact type
R = snap action
L = slow action



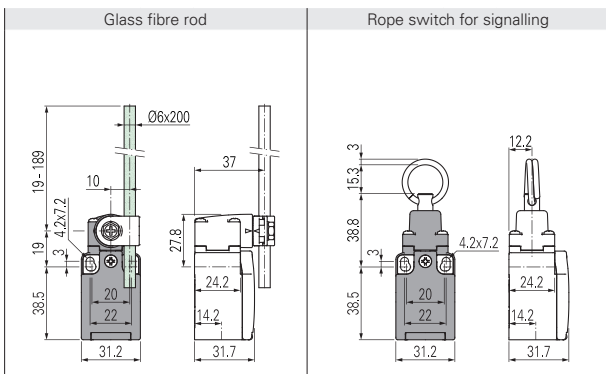
Contact block	3	33	34	FK 334-M2	FK 3334-M2	FK 3434-M2	FK 350-M2	FK 3350-M2	FK 3450-M2	FK 351-M2	FK 3351-M2	FK 3451-M2	FK 352-M2	FK 3352-M2	FK 3452-M2
Max. speed	1.5 m/s			1NO-1NC	1NO+1NC	2NC	1NO-1NC	1NO+1NC	2NC	page 231 - type 1	1NO+1NC	2NC	page 231 - type 1	1NO+1NC	2NC
Actuating force	0.05 Nm						0.05 Nm			0.05 Nm (0.25 Nm \ominus)			0.05 Nm (0.25 Nm \ominus)		
Travel diagrams	page 232 - group 5			page 232 - group 5			page 232 - group 5			page 232 - group 5			page 232 - group 5		

Contact type
R = snap action
L = slow action



Contact block	3	33	34	FK 353-E0M2	FK 3353-E0M2V9	FK 3453-E0M2V9	FK 354-M2	FK 3354-M2	FK 3454-M2	FK 356-M2	FK 3356-M2	FK 3456-M2	FK 357-M2	FK 3357-M2	FK 3457-M2	
Max. speed	0.5 m/s			1NO-1NC	1NO+1NC	2NC	page 231 - type 1	1NO-1NC	1NO+1NC	2NC	1NO-1NC	1NO+1NC	2NC	1NO-1NC	1NO+1NC	2NC
Actuating force	0.02 Nm (0.25 Nm \ominus)						0.05 Nm (0.25 Nm \ominus)			0.05 Nm (0.25 Nm \ominus)			0.05 Nm (0.25 Nm \ominus)			
Travel diagrams	page 232 - group 6			page 232 - group 6			page 232 - group 5			page 232 - group 5			page 232 - group 5			

Contact type
R = snap action
L = slow action



Contact block	3	33	34	FK 369-M2	FK 3369-M2	FK 3469-M2	FK 376-M2	FK 3376-M2	FK 3476-M2
Max. speed	1.5 m/s			1NO-1NC	1NO+1NC	2NC	1NO-1NC	1NO+1NC	2NO
Actuating force	0.05 Nm						initial 20 N - final 40 N		
Travel diagrams	page 232 - group 5			page 232 - group 5			page 232 - group 7		

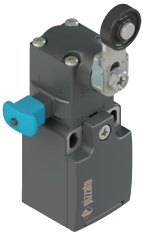
(1) Positive opening only with actuator set to max. See page 112.

All values in the drawings are in mm

Accessories See page 207

→ 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		With steel roller with self-lubrication or 316L stainless steel on request	With steel roller with self-lubrication or 316L stainless steel on request	With steel roller with self-lubrication or 316L stainless steel on request
R = snap action L = slow action				
Contact block				
33	L	FK 3301-W3M2 \rightarrow 1NO+1NC	FK 3302-W3M2 \rightarrow 1NO+1NC	FK 3305-W3M2 \rightarrow 1NO+1NC
34	L	FK 3401-W3M2 \rightarrow 2NC	FK 3402-W3M2 \rightarrow 2NC	FK 3405-W3M2 \rightarrow 2NC
Max. speed		page 231 - type 4	page 231 - type 3	page 231 - type 3
Actuating force		4.5 N (25 N \rightarrow)	4 N (25 N \rightarrow)	2.5 N (25 N \rightarrow)
Travel diagrams		page 231 - group 1	page 231 - group 2	page 231 - group 3

Contact type		With \varnothing 12 mm steel roller with self-lubrication or 316L stainless steel on request	With \varnothing 20 mm steel roller with self-lubrication or 316L stainless steel on request	Other rollers available. See page 112	Other rollers available. See page 112
R = snap action L = slow action					
Contact block					
33	L	FK 3315-W3M2 \rightarrow 1NO+1NC	FK 3330-W3M2 \rightarrow 1NO+1NC	FK 3331-W3M2 \rightarrow 1NO+1NC	FK 3351-W3M2 \rightarrow 1NO+1NC
34	L	FK 3415-W3M2 \rightarrow 2NC	FK 3430-W3M2 \rightarrow 2NC	FK 3431-W3M2 \rightarrow 2NC	FK 3451-W3M2 \rightarrow 2NC
Max. speed		page 231 - type 2	page 231 - type 1	page 231 - type 1	page 231 - type 1
Actuating force		4.5 N (25 N \rightarrow)	0.07 Nm (0.25 Nm \rightarrow)	0.07 Nm (0.25 Nm \rightarrow)	0.07 Nm (0.25 Nm \rightarrow)
Travel diagrams		page 231 - group 1	page 231 - group 4	page 231 - group 4	page 231 - group 4

Contact type		Other rollers available. See page 112	Other rollers available. See page 112	Other rollers available. See page 112	Other rollers available. See page 112
R = snap action L = slow action					
Contact block					
33	L	FK 3352-W3M2 \rightarrow 1NO+1NC	FK 3354-W3M2 \rightarrow 1NO+1NC	FK 3356-W3M2 \rightarrow 1NO+1NC	FK 3357-W3M2 \rightarrow 1NO+1NC
34	L	FK 3452-W3M2 \rightarrow 2NC	FK 3454-W3M2 \rightarrow 2NC	FK 3456-W3M2 \rightarrow 2NC	FK 3457-W3M2 \rightarrow 2NC
Max. speed		page 231 - type 1	page 231 - type 1	page 231 - type 1	page 231 - type 1
Actuating force		0.07 Nm (0.25 Nm \rightarrow)	0.07 Nm (0.25 Nm \rightarrow)	0.07 Nm (0.25 Nm \rightarrow)	0.07 Nm (0.25 Nm \rightarrow)
Travel diagrams		page 231 - group 4	page 231 - group 4	page 231 - group 4	page 231 - group 4

All values in the drawings are in mm

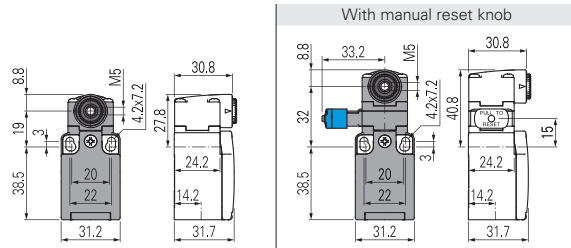
Accessories See page 207

\rightarrow 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

Contact block



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 225.

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 232 - group 5		page 231 - group 4

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-W3M1 → FK 3301-W4M1

Separate actuators

IMPORTANT: These separate actuators can be used only with items of the FR, FM, FX, FZ, 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 14 mm	Technopolymer roller Ø 14 mm	Technopolymer roller Ø 20 mm	Adjustable safety lever with technopolymer roller Ø 20 mm
		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 207

→ 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, FZ, FK, NA, NB and NF series.

Steel rollers, Ø 20 mm, with self-lubrication					
VN A00KB-R24 (1)	VN A00KE-R24 (1)	VN A00KF-R24 (1)	VN A00KG-R24 (1)	VN A00KH-R24 (1)	VN A00KP-R24 (1)

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 (1)	VN A00KG-R25 (1)	VN A00KH-R25 (1)	VN A00KP-R25 (1)

Rubber rollers, Ø 40 mm					
VN A00KB-R5 (1)	VN A00KE-R5 (1)	VN A00KF-R5 (1)	VN A00KG-R5 (1)	VN A00KH-R5 (1)	VN A00KP-R5 (1)

Rubber rollers, Ø 50 mm				
VN A00KE-R26 (1)	VN A00KF-R26 (1)	VN A00KG-R26 (1)	VN A00KH-R26 (1)	VN A00KP-R26 (1)

Protruding rubber rollers, Ø 50 mm
VN A00KP-R27 (1)

- (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 289. Example: VF LE30 -> VN A00KA.