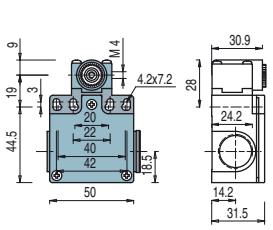
Position switches with revolving lever without actuator

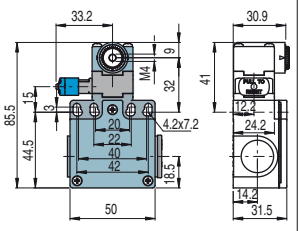
All measures in the drawings are in mm

Contact type:

- R = snap action
- L = slow action
- LO = slow action overlapped
- LS = slow action shifted
- LV = slow action shifted and spaced
- LI = slow action independent
- LA = slow action closer
- = electronic PNP



With manual reset knob



Contact blocks				With manual reset knob	
5	R	FZ 538-M2	1NO+1NC		
6	L	FZ 638-M2	1NO+1NC	FZ 638-W3M2	1NO+1NC
7	LO	FZ 738-M2	1NO+1NC		
9	L	FZ 938-M2	2NC	FZ 938-W3M2	2NC
10	L	FZ 1038-M2	2NO	FZ 1038-W3M2	2NO
11	R	FZ 1138-M2	2NC		
12	R	FZ 1238-M2	2NO		
13	LV	FZ 1338-M2	2NC		
14	LS	FZ 1438-M2	2NC		
15	LS	FZ 1538-M2	2NO		
16	LI	FZ 1638-M2	2NC		
18	LA	FZ 1838-M2	1NO+1NC		
20	L	FZ 2038-M2	1NO+2NC	FZ 2038-W3M2	1NO+2NC
21	L	FZ 2138-M2	3NC	FZ 2138-W3M2	3NC
22	L	FZ 2238-M2	2NO+1NC	FZ 2238-W3M2	2NO+1NC
2	R	FZ 238-M2	2x(1NO-1NC)	FZ 238-W3M2	2NO+2NC
E1		FZ E138-M2	1NO-1NC		
Min. force		0.06 Nm (0.25 Nm)		0.07 Nm (0.25 Nm)	
Travel diagrams		page 240 - group 5		page 241 - group 4	

IMPORTANT

For safety applications: join only switches and actuators marked with symbol aside the product code.

For more information about safety applications see details on page 235.

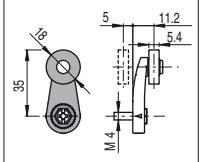
All measures in the drawings are in mm

Loose actuators

All measures in the drawings are in mm

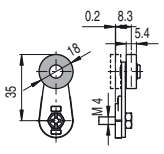
IMPORTANT: These loose actuators can be used with items of series FR, FM, FX, FZ and FK only.

Technopolymer roller Ø 18 mm



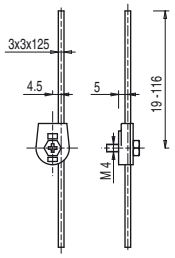
VF LE30

Technopolymer roller Ø 18 mm



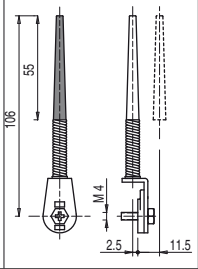
VF LE31

Adjustable square rod, 3x3x125 mm



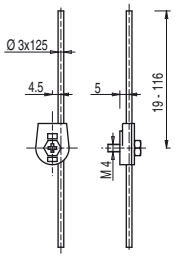
VF LE33

Flexible rod with pointed end



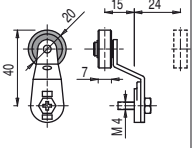
VF LE34

Adjustable round rod Ø 3x125 mm



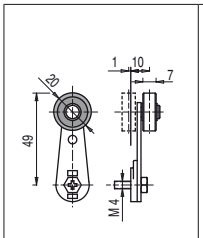
VF LE50

Technopolymer roller Ø 20 mm



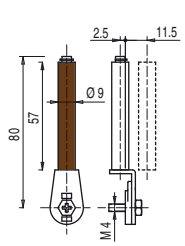
VF LE51

Technopolymer roller Ø 20 mm



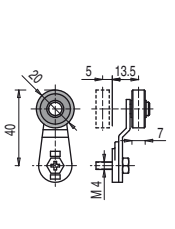
VF LE52

Porcelain roller



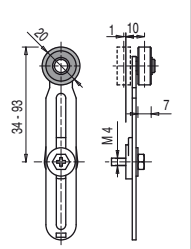
VF LE53 (2)

Technopolymer roller Ø 20 mm



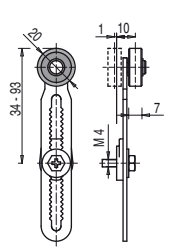
VF LE54

Adjustable actuator with technopolymer roller



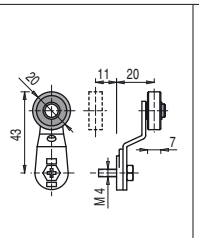
VF LE55 (1)

Adjustable safety actuator with technopolymer roller



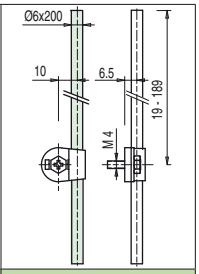
VF LE56

Technopolymer roller Ø 20 mm



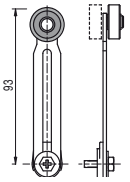
VF LE57

Adjustable fiber glass rod



VF LE69

- (1) Actuator VF LE55 can only be used in safety applications if adjusted to its max. length, as shown in figure beside. If you need an adjustable lever for safety applications, use the adjustable safety lever VF LE56.
- (2) The position switch obtained by assembling switch FZ •38-M2 (e.g. FZ 538-M2, FZ 638-M2…) with actuator VF LE53 will not present the same travel diagrams and actuating forces as switch FZ •53 E0M2V9 (e.g. FZ 553-E0M2V9, FZ 653-E0M2V9…).
- (4) The actuator cannot be rotated to the inside because it will mechanically interfere with the switch head.



Items with code on **green** background are stock items

Accessories See page 225