

# Position switches FZ series

- 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

Contact blocks

	With external rubber gasket	With Ø 20 mm stainless steel roller on request	Other rollers available. See on page 106	Square rod, 3x3 mm
5	<b>R</b> FZ 525-M2 1NO+1NC	FZ 530-M2 ⊕ 1NO+1NC	FZ 531-M2 ⊕ 1NO+1NC	FZ 533-M2 1NO+1NC
6	<b>L</b> FZ 625-M2 1NO+1NC	FZ 630-M2 ⊕ 1NO+1NC	FZ 631-M2 ⊕ 1NO+1NC	FZ 633-M2 1NO+1NC
7	<b>LO</b> FZ 725-M2 1NO+1NC	FZ 730-M2 ⊕ 1NO+1NC	FZ 731-M2 ⊕ 1NO+1NC	FZ 733-M2 1NO+1NC
9	<b>L</b> FZ 925-M2 2NC	FZ 930-M2 ⊕ 2NC	FZ 931-M2 ⊕ 2NC	FZ 933-M2 2NC
10	<b>L</b> FZ 1025-M2 2NO	FZ 1030-M2 2NO	FZ 1031-M2 2NO	FZ 1033-M2 2NO
11	<b>R</b> FZ 1125-M2 2NC	FZ 1130-M2 ⊕ 2NC	FZ 1131-M2 ⊕ 2NC	FZ 1133-M2 2NC
12	<b>R</b> FZ 1225-M2 2NO	FZ 1230-M2 2NO	FZ 1231-M2 2NO	FZ 1233-M2 2NO
13	<b>LV</b> FZ 1325-M2 2NC	FZ 1330-M2 ⊕ 2NC	FZ 1331-M2 ⊕ 2NC	FZ 1333-M2 2NC
14	<b>LS</b> FZ 1425-M2 2NC	FZ 1430-M2 ⊕ 2NC	FZ 1431-M2 ⊕ 2NC	FZ 1433-M2 2NC
15	<b>LS</b> FZ 1525-M2 2NO	FZ 1530-M2 2NO	FZ 1531-M2 2NO	FZ 1533-M2 2NO
16	<b>LI</b> FZ 1625-M2 2NC	FZ 1630-M2 ⊕ 2NC	FZ 1631-M2 ⊕ 2NC	FZ 1633-M2 2NC
18	<b>LA</b> FZ 1825-M2 1NO+1NC	FZ 1830-M2 ⊕ 1NO+1NC	FZ 1831-M2 ⊕ 1NO+1NC	FZ 1833-M2 1NO+1NC
20	<b>L</b> FZ 2025-M2 1NO+2NC	FZ 2030-M2 ⊕ 1NO+2NC	FZ 2031-M2 ⊕ 1NO+2NC	FZ 2033-M2 1NO+2NC
21	<b>L</b> FZ 2125-M2 3NC	FZ 2130-M2 ⊕ 3NC	FZ 2131-M2 ⊕ 3NC	FZ 2133-M2 3NC
22	<b>L</b> FZ 2225-M2 2NO+1NC	FZ 2230-M2 ⊕ 2NO+1NC	FZ 2231-M2 ⊕ 2NO+1NC	FZ 2233-M2 2NO+1NC
2	<b>R</b> FZ 225-M2 2x(1NO-1NC)	FZ 230-M2 2x(1NO-1NC)	FZ 231-M2 2x(1NO-1NC)	FZ 233-M2 2x(1NO-1NC)
E1	<b>⏏</b> FZ E125-M2 1NO-1NC	FZ E130-M2 1NO-1NC	FZ E131-M2 1NO-1NC	FZ E133-M2 1NO-1NC
Max. speed	1 m/s	page 239 - type 1	page 239 - type 1	1.5 m/s
Min. force	0.12 Nm	0.06 Nm (0.25 Nm ⊕)	0.06 Nm (0.25 Nm ⊕)	0.06 Nm
Travel diagrams	page 240 - group 4	page 240 - group 5	page 240 - group 5	page 240 - group 5

	Round rod, Ø 3 mm, stainless steel	Other rollers available. See on page 106	Other rollers available. See on page 106
5	<b>R</b> FZ 534-M2 1NO+1NC	FZ 550-M2 1NO+1NC	FZ 551-M2 ⊕ 1NO+1NC
6	<b>L</b> FZ 634-M2 1NO+1NC	FZ 650-M2 1NO+1NC	FZ 651-M2 ⊕ 1NO+1NC
7	<b>LO</b> FZ 734-M2 1NO+1NC	FZ 750-M2 1NO+1NC	FZ 751-M2 ⊕ 1NO+1NC
9	<b>L</b> FZ 934-M2 2NC	FZ 950-M2 2NC	FZ 951-M2 ⊕ 2NC
10	<b>L</b> FZ 1034-M2 2NO	FZ 1050-M2 2NO	FZ 1051-M2 2NO
11	<b>R</b> FZ 1134-M2 2NC	FZ 1150-M2 2NC	FZ 1151-M2 ⊕ 2NC
12	<b>R</b> FZ 1234-M2 2NO	FZ 1250-M2 2NO	FZ 1251-M2 2NO
13	<b>LV</b> FZ 1334-M2 2NC	FZ 1350-M2 2NC	FZ 1351-M2 ⊕ 2NC
14	<b>LS</b> FZ 1434-M2 2NC	FZ 1450-M2 2NC	FZ 1451-M2 ⊕ 2NC
15	<b>LS</b> FZ 1534-M2 2NO	FZ 1550-M2 2NO	FZ 1551-M2 2NO
16	<b>LI</b> FZ 1634-M2 2NC	FZ 1650-M2 2NC	FZ 1651-M2 ⊕ 2NC
18	<b>LA</b> FZ 1834-M2 1NO+1NC	FZ 1850-M2 1NO+1NC	FZ 1851-M2 ⊕ 1NO+1NC
20	<b>L</b> FZ 2034-M2 1NO+2NC	FZ 2050-M2 1NO+2NC	FZ 2051-M2 ⊕ 1NO+2NC
21	<b>L</b> FZ 2134-M2 3NC	FZ 2150-M2 3NC	FZ 2151-M2 ⊕ 3NC
22	<b>L</b> FZ 2234-M2 2NO+1NC	FZ 2250-M2 2NO+1NC	FZ 2251-M2 ⊕ 2NO+1NC
2	<b>R</b> FZ 234-M2 2x(1NO-1NC)	FZ 250-M2 2x(1NO-1NC)	FZ 251-M2 2x(1NO-1NC)
E1	<b>⏏</b> FZ E134-M2 1NO-1NC	FZ E150-M2 1NO-1NC	FZ E151-M2 1NO-1NC
Max. speed	1.5 m/s	1.5 m/s	page 239 - type 1
Min. force	0.06 Nm	0.06 Nm	0.06 Nm (0.25 Nm ⊕)
Travel diagrams	page 240 - group 5	page 240 - group 5	page 240 - group 5

All measures in the drawings are in mm

Accessories See page 225