

## RAFIX 22 FS<sup>+</sup> - Pushbutton with protective cap, flush lens, round collar

## 1.30.270.005/2308



Form of lens	General information	
Color of front ring         silver-grey           Form of collar         round           Dimensions           Dimensions of collar         Ø 29.8 mm           Overall height         9.85 mm           Mounting depth         PCB 9.2 mm, QC 27 mm           Mounting hole         22.3 mm           Key grid         30 x 30 mm           Mechanical design           Mounting         ring nut           Contact function         momentary           Illuminability         yes           Torque for nut ring         1.2 Nm           Mechanical characteristics           Operating travel         4 mm           Robustness max.         100 N           Other specifications           Ambient temp. operating min.         -25 °C           Ambient temp. operating max.         +70 °C           Storage temperature min.         -40 °C           Storage temperature max.         +80 °C           Operating life         1,000,000 momentary / 500,000 latching cycle           B10         1,300,000 momentary / 650,000 latching cycle           Pegree of protection from front side         IP65 (DIN EN 60529)           Environmental restistance         acc. to IEC 60068-2-14, -30,	Form of lens	flat lens
Form of collar  Dimensions  Dimensions of collar  Overall height  Mounting depth  PCB 9.2 mm, QC 27 mm  Mounting hole  Z2.3 mm  Key grid  Mounting  Mechanical design  Mounting  Contact function  Illuminability  yes  Torque for nut ring  1.2 Nm  Mechanical characteristics  Operating travel  Ambient temp. operating min.  Arbient temp. operating max.  Storage temperature max.  Operating life  1,000,000 momentary / 500,000 latching cycle  B10  Degree of protection from front side  Environmental restistance  acc. to IEC 60068-2-11, -30, -33 and -78  Salt spray  IMM  EQ. 29.8 mm  Ø 20.7 mm  Ø 21.7 mm  Ø 22.3 mm  Mechanical characteristics  Ves  Ves  Operating travel  4 mm  And  PC  Storage temperature min.  40 °C  Storage temperature max.  +80 °C  Operating life  1,000,000 momentary / 500,000 latching cycle  P65 (DIN EN 60529)  Environmental restistance  acc. to IEC 60068-2-11, -30, -33 and -78  Salt spray  IEC 600 68-2-11  ROHS compliant	Color of lens	translucent red
Dimensions         Ø 29.8 mm           Overall height         9.85 mm           Mounting depth         PCB 9.2 mm, QC 27 mm           Mounting hole         22.3 mm           Key grid         30 x 30 mm           Mechanical design         Image: Contact function of the properties of the prop	Color of front ring	silver-grey
Dimensions of collar	Form of collar	round
Dimensions of collar	Dimensions	
Overall height  Mounting depth  PCB 9.2 mm, QC 27 mm  Mounting hole  22.3 mm  Key grid  30 x 30 mm   Mechanical design  Mounting  Contact function  Illuminability  yes  Torque for nut ring  1.2 Nm  Mechanical characteristics  Operating travel  Robustness max.  4 mm  Robustness max.  100 N   Other specifications  Ambient temp. operating min.  -25 °C  Ambient temp. operating max.  +70 °C  Storage temperature min.  -40 °C  Storage temperature max.  Operating life  1,000,000 momentary / 500,000 latching cycle  B10  1,300,000 momentary / 650,000 latching cycle  Degree of protection from front side  IP65 (DIN EN 60529)  Environmental restistance  acc. to IEC 60068-2-14, -30, -33 and -78  Salt spray  IEC 600 68-2-11  ROHS compliant		ø 29 8 mm
Mounting depth PCB 9.2 mm, QC 27 mm  Mounting hole 22.3 mm  Key grid 30 x 30 mm   Mechanical design  Mounting ring nut  Contact function momentary  Illuminability yes  Torque for nut ring 1.2 Nm  Mechanical characteristics  Operating travel 4 mm  Robustness max. 100 N  Other specifications  Ambient temp. operating min25 °C  Ambient temp. operating max. +70 °C  Storage temperature min40 °C  Storage temperature max. +80 °C  Operating life 1,000,000 momentary / 500,000 latching cycle  B10 1,300,000 momentary / 650,000 latching cycle  B10 1,300,000 momentary / 650,000 latching cycle  Degree of protection from front side IP65 (DIN EN 60529)  Environmental restistance acc. to IEC 60068-2-14, -30, -33 and -78  Salt spray IEC 600 68-2-11  ROHS compliant		
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Mechanical design       Mounting     ring nut       Contact function     momentary       Illuminability     yes       Torque for nut ring     1.2 Nm       Mechanical characteristics       Operating travel     4 mm       Robustness max.     100 N       Other specifications       Ambient temp. operating min.     -25 °C       Ambient temp. operating max.     +70 °C       Storage temperature min.     -40 °C       Storage temperature max.     +80 °C       Operating life     1,000,000 momentary / 500,000 latching cycle       B10     1,300,000 momentary / 650,000 latching cycle       Degree of protection from front side     IP65 (DIN EN 60529)       Environmental restistance     acc. to IEC 60068-2-14, -30, -33 and -78       Salt spray     IEC 600 68-2-11       ROHS compliant     yes		
Mounting ring nut  Contact function momentary  Illuminability yes  Torque for nut ring 1.2 Nm  Mechanical characteristics  Operating travel 4 mm  Robustness max. 100 N  Other specifications  Ambient temp. operating min25 °C  Ambient temp. operating max. +70 °C  Storage temperature min40 °C  Storage temperature max. +80 °C  Operating life 1,000,000 momentary / 500,000 latching cycle  B10 1,300,000 momentary / 650,000 latching cycle  Degree of protection from front side IP65 (DIN EN 60529)  Environmental restistance acc. to IEC 60068-2-14, -30, -33 and -78  Salt spray IEC 600 68-2-11  ROHS compliant yes		-
Mounting ring nut  Contact function momentary  Illuminability yes  Torque for nut ring 1.2 Nm  Mechanical characteristics  Operating travel 4 mm  Robustness max. 100 N  Other specifications  Ambient temp. operating min25 °C  Ambient temp. operating max. +70 °C  Storage temperature min40 °C  Storage temperature max. +80 °C  Operating life 1,000,000 momentary / 500,000 latching cycle  B10 1,300,000 momentary / 650,000 latching cycle  Degree of protection from front side IP65 (DIN EN 60529)  Environmental restistance acc. to IEC 60068-2-14, -30, -33 and -78  Salt spray IEC 600 68-2-11  ROHS compliant yes		
Contact function momentary  Illuminability yes  Torque for nut ring 1.2 Nm  Mechanical characteristics  Operating travel 4 mm  Robustness max. 100 N  Other specifications  Ambient temp. operating min25 °C  Ambient temp. operating max. +70 °C  Storage temperature min40 °C  Storage temperature max. +80 °C  Operating life 1,000,000 momentary / 500,000 latching cycle  B10 1,300,000 momentary / 650,000 latching cycle  B10 1,300,000 momentary / 650,000 latching cycle  Degree of protection from front side IP65 (DIN EN 60529)  Environmental restistance acc. to IEC 60068-2-14, -30, -33 and -78  Salt spray IEC 600 68-2-11  ROHS compliant yes		
Illuminability Torque for nut ring 1.2 Nm  Mechanical characteristics Operating travel Robustness max. 100 N  Other specifications Ambient temp. operating min. Ambient temp. operating max. 4 **70 °C Storage temperature min. 40 °C Storage temperature max. 480 °C Operating life 1,000,000 momentary / 500,000 latching cycle B10 1,300,000 momentary / 650,000 latching cycle Degree of protection from front side IP65 (DIN EN 60529) Environmental restistance acc. to IEC 60068-2-14, -30, -33 and -78 Salt spray IEC 600 68-2-11 ROHS compliant		ring nut
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Mechanical characteristicsOperating travel4 mmRobustness max.100 NOther specificationsAmbient temp. operating min25 °CAmbient temp. operating max.+70 °CStorage temperature min40 °CStorage temperature max.+80 °COperating life1,000,000 momentary / 500,000 latching cycleB101,300,000 momentary / 650,000 latching cycleDegree of protection from front sideIP65 (DIN EN 60529)Environmental restistanceacc. to IEC 60068-2-14, -30, -33 and -78Salt sprayIEC 600 68-2-11ROHS compliantyes	Illuminability	yes
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Robustness max.Other specificationsAmbient temp. operating min25 °CAmbient temp. operating max.+70 °CStorage temperature min40 °CStorage temperature max.+80 °COperating life1,000,000 momentary / 500,000 latching cycleB101,300,000 momentary / 650,000 latching cycleDegree of protection from front sideIP65 (DIN EN 60529)Environmental restistanceacc. to IEC 60068-2-14, -30, -33 and -78Salt sprayIEC 600 68-2-11ROHS compliantyes	Mechanical characteristics	
Other specifications  Ambient temp. operating min.  Ambient temp. operating max.  Storage temperature min.  Storage temperature max.  Operating life  1,000,000 momentary / 500,000 latching cycle  1,300,000 momentary / 650,000 latching cycle  1,300,000 momentary / 650,000 latching cycle  Degree of protection from front side  IP65 (DIN EN 60529)  Environmental restistance  acc. to IEC 60068-2-14, -30, -33 and -78  Salt spray  IEC 600 68-2-11  ROHS compliant  yes	Operating travel	4 mm
Ambient temp. operating min.  Ambient temp. operating max.  Storage temperature min.  Storage temperature max.  -40 °C  Storage temperature max.  -80 °C  Operating life  1,000,000 momentary / 500,000 latching cycle  1,300,000 momentary / 650,000 latching cycle  Degree of protection from front side  IP65 (DIN EN 60529)  Environmental restistance  acc. to IEC 60068-2-14, -30, -33 and -78  Salt spray  IEC 600 68-2-11  ROHS compliant	Robustness max.	100 N
Ambient temp. operating min.  Ambient temp. operating max.  Storage temperature min.  Storage temperature max.  -40 °C  Storage temperature max.  -80 °C  Operating life  1,000,000 momentary / 500,000 latching cycle  1,300,000 momentary / 650,000 latching cycle  Degree of protection from front side  IP65 (DIN EN 60529)  Environmental restistance  acc. to IEC 60068-2-14, -30, -33 and -78  Salt spray  IEC 600 68-2-11  ROHS compliant	Other specifications	
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Storage temperature max. +80 °C  Operating life 1,000,000 momentary / 500,000 latching cycle  B10 1,300,000 momentary / 650,000 latching cycle  Degree of protection from front side IP65 (DIN EN 60529)  Environmental restistance acc. to IEC 60068-2-14, -30, -33 and -78  Salt spray IEC 600 68-2-11  ROHS compliant yes		+70 °C
Operating life 1,000,000 momentary / 500,000 latching cycle B10 1,300,000 momentary / 650,000 latching cycle Degree of protection from front side IP65 (DIN EN 60529) Environmental restistance acc. to IEC 60068-2-14, -30, -33 and -78 Salt spray IEC 600 68-2-11 ROHS compliant yes	Storage temperature min.	-40 °C
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Salt spray IEC 600 68-2-11 ROHS compliant yes	Degree of protection from front side	IP65 (DIN EN 60529)
ROHS compliant yes	Environmental restistance	acc. to IEC 60068-2-14, -30, -33 and -78
	Salt spray	IEC 600 68-2-11
REACH compliant yes	ROHS compliant	yes
	REACH compliant	yes



## Panel cut-out to IEC 60947-5-1



