

## RAFIX 22 QR - Pushbutton, non-illuminated, protruding front ring, round collar, metal front ring, momentary 1.30.240.521/0600



Form of lens protruding front ring opaque blue color of front ring silver metallic pround silver metallic pround promote silver metallic promote silver met	General information	
Color of front ring silver metallic round  Dimensions Dimensions of collar Ø 29.8 mm Overall height 12.6 mm Mounting depth with contact block without cable Ø 22.3 mm Mounting grid 50 x 30 mm  Mechanical design Mounting ring nut Contact function momentary Illumination no  Mechanical characteristics Operating force max. approx. 5 N for 1 switching element Robustness max. 100 N  Other specifications Operating life (operations) 1,000,000 momentary / 500,000 latching cycle Degree of protection from front side IP65 (DIN EN 60529) Ambient temp. operating max. +70 °C Storage temperature min. 40 °C Storage temperature max. +80 °C Environmental restistance acc. to IEC 60068-2-14, -30, -33 and -78 ROHS compliant	Form of lens	protruding front ring
Form of collar  Dimensions  Dimensions of collar  Overall height  Mounting depth with contact block without cable  Mounting hole  Mounting grid  Mounting grid  Mounting grid  Mounting  Fing nut  Contact function  Illumination  Mechanical characteristics  Operating travel  Operating force max.  Robustness max.  100 N  Other specifications  Operating life (operations)  Degree of protection from front side  Ambient temp. operating max.  Arboustness max.  To C  Storage temperature max.  Robustness max.  Pro C  Storage temperature max.  Hour C  Hour	Color of lens	opaque blue
Dimensions Dimensions of collar Overall height 12.6 mm Mounting depth with contact block without cable Mounting hole Mounting grid 50 x 30 mm  Mechanical design Mounting Contact function Illumination  Mechanical characteristics Operating travel Operating force max. Robustness max.  100 N  Other specifications Operating life (operations) Degree of protection from front side Ambient temp. operating min. Ambient temp. operating max.  40 °C Storage temperature max. Environmental restistance ROHS compliant	Color of front ring	silver metallic
Dimensions of collar  Overall height  12.6 mm  Mounting depth with contact block without cable  56.4 mm  Mounting hole  Ø 22.3 mm  Mounting grid  50 x 30 mm   Mechanical design  Mounting  Contact function  Illumination  Mechanical characteristics  Operating travel  Operating force max.  Robustness max.  100 N  Other specifications  Operating life (operations)  Degree of protection from front side  Ambient temp. operating max.  Ambient temp. operating max.  40 °C  Storage temperature max.  Environmental restistance  ave 29.8 mm  12.6 mm  12.6 mm  10.0 x 30 mm  Amm  Amm  Amm  Amm  Amm  Amm  Amm	Form of collar	round
Dimensions of collar  Overall height  12.6 mm  Mounting depth with contact block without cable  56.4 mm  Mounting hole  Ø 22.3 mm  Mounting grid  50 x 30 mm   Mechanical design  Mounting  Contact function  Illumination  Mechanical characteristics  Operating travel  Operating force max.  Robustness max.  100 N  Other specifications  Operating life (operations)  Degree of protection from front side  Ambient temp. operating max.  Ambient temp. operating max.  40 °C  Storage temperature max.  Environmental restistance  ave 29.8 mm  12.6 mm  12.6 mm  10.0 x 30 mm  Amm  Amm  Amm  Amm  Amm  Amm  Amm		
Overall height 12.6 mm  Mounting depth with contact block without cable 56.4 mm  Mounting hole Ø 22.3 mm  Mounting grid 50 x 30 mm  Mechanical design  Mounting ring nut  Contact function momentary  Illumination no  Mechanical characteristics  Operating travel 4 mm  Operating force max. approx. 5 N for 1 switching element  Robustness max. 100 N  Other specifications  Operating life (operations) 1,000,000 momentary / 500,000 latching cycle  Degree of protection from front side IP65 (DIN EN 60529)  Ambient temp. operating max. +70 °C  Storage temperature min40 °C  Storage temperature max. +80 °C  Environmental restistance acc. to IEC 60068-2-14, -30, -33 and -78  ROHS compliant		
Mounting depth with contact block without cable  Mounting hole  Mounting grid  Mechanical design  Mounting  Contact function  Illumination  Mechanical characteristics  Operating travel  Operating force max.  Robustness max.  Other specifications  Operating life (operations)  Degree of protection from front side  Ambient temp. operating max.  Storage temperature min.  Storage temperature max.  Environmental restistance  ### 22.3 mm  ### 22.3 mm  ### 22.3 mm  ### 20.4 min  ##		
Mounting hole	Overall height	12.6 mm
Mounting grid  Mechanical design  Mounting  Contact function  Illumination  Mechanical characteristics  Operating travel  Operating force max.  Robustness max.  Other specifications  Operating life (operations)  Degree of protection from front side  Ambient temp. operating max.  Ambient temp. operating max.  Storage temperature min.  Storage temperature max.  Environmental restistance  pring nut  no  momentary  4 mm  4 mm  4 mm  Approx. 5 N for 1 switching element  1,000,000 momentary / 500,000 latching cycle  2,000 latching cycle  2,	Mounting depth with contact block without cable	56.4 mm
Mechanical design  Mounting ring nut  Contact function momentary  Illumination no  Mechanical characteristics  Operating travel 4 mm  Operating force max. approx. 5 N for 1 switching element  Robustness max. 100 N  Other specifications  Operating life (operations) 1,000,000 momentary / 500,000 latching cycle  Degree of protection from front side IP65 (DIN EN 60529)  Ambient temp. operating min25 °C  Ambient temp. operating max. +70 °C  Storage temperature min40 °C  Storage temperature max. +80 °C  Environmental restistance acc. to IEC 60068-2-14, -30, -33 and -78  ROHS compliant yes	Mounting hole	<u>ø 22.3 mm</u>
Mounting ring nut  Contact function momentary  Illumination no  Mechanical characteristics  Operating travel 4 mm  Operating force max. approx. 5 N for 1 switching element  Robustness max. 100 N  Other specifications  Operating life (operations) 1,000,000 momentary / 500,000 latching cycle  Degree of protection from front side IP65 (DIN EN 60529)  Ambient temp. operating min25 °C  Ambient temp. operating max. +70 °C  Storage temperature min40 °C  Storage temperature max. +80 °C  Environmental restistance acc. to IEC 60068-2-14, -30, -33 and -78  ROHS compliant yes	Mounting grid	50 x 30 mm
Mounting ring nut  Contact function momentary  Illumination no  Mechanical characteristics  Operating travel 4 mm  Operating force max. approx. 5 N for 1 switching element  Robustness max. 100 N  Other specifications  Operating life (operations) 1,000,000 momentary / 500,000 latching cycle  Degree of protection from front side IP65 (DIN EN 60529)  Ambient temp. operating min25 °C  Ambient temp. operating max. +70 °C  Storage temperature min40 °C  Storage temperature max. +80 °C  Environmental restistance acc. to IEC 60068-2-14, -30, -33 and -78  ROHS compliant yes		
Contact function momentary  Illumination no  Mechanical characteristics  Operating travel 4 mm  Operating force max. approx. 5 N for 1 switching element  Robustness max. 100 N  Other specifications  Operating life (operations) 1,000,000 momentary / 500,000 latching cycle  Degree of protection from front side IP65 (DIN EN 60529)  Ambient temp. operating min25 °C  Ambient temp. operating max. +70 °C  Storage temperature min40 °C  Storage temperature max. +80 °C  Environmental restistance acc. to IEC 60068-2-14, -30, -33 and -78  ROHS compliant yes		
Mechanical characteristics   4 mm   2 mm		ring nut
Mechanical characteristicsOperating travel4 mmOperating force max.approx. 5 N for 1 switching elementRobustness max.100 NOther specificationsOperating life (operations)1,000,000 momentary / 500,000 latching cycleDegree of protection from front sideIP65 (DIN EN 60529)Ambient temp. operating min25 °CAmbient temp. operating max.+70 °CStorage temperature min40 °CStorage temperature max.+80 °CEnvironmental restistanceacc. to IEC 60068-2-14, -30, -33 and -78ROHS compliantyes	Contact function	momentary
Operating travel 4 mm Operating force max. approx. 5 N for 1 switching element  Robustness max. 100 N  Other specifications Operating life (operations) 1,000,000 momentary / 500,000 latching cycle Degree of protection from front side IP65 (DIN EN 60529) Ambient temp. operating min25 °C Ambient temp. operating max. +70 °C Storage temperature min40 °C Storage temperature max. +80 °C Environmental restistance acc. to IEC 60068-2-14, -30, -33 and -78 ROHS compliant yes	Illumination	no
Operating force max.  Robustness max.  Other specifications Operating life (operations) Degree of protection from front side IP65 (DIN EN 60529) Ambient temp. operating min25 °C Ambient temp. operating max. Storage temperature min40 °C Storage temperature max. Environmental restistance ROHS compliant  approx. 5 N for 1 switching element 100 N  1,000,000 momentary / 500,000 latching cycle IP65 (DIN EN 60529)  -25 °C -40	Mechanical characteristics	
Robustness max.Other specificationsOperating life (operations)1,000,000 momentary / 500,000 latching cycleDegree of protection from front sideIP65 (DIN EN 60529)Ambient temp. operating min25 °CAmbient temp. operating max.+70 °CStorage temperature min40 °CStorage temperature max.+80 °CEnvironmental restistanceacc. to IEC 60068-2-14, -30, -33 and -78ROHS compliantyes	Operating travel	4 mm
Other specifications Operating life (operations) Degree of protection from front side IP65 (DIN EN 60529) Ambient temp. operating min25 °C Ambient temp. operating max. +70 °C Storage temperature min40 °C Storage temperature max. +80 °C Environmental restistance ROHS compliant  yes	Operating force max.	approx. 5 N for 1 switching element
Operating life (operations)1,000,000 momentary / 500,000 latching cycleDegree of protection from front sideIP65 (DIN EN 60529)Ambient temp. operating min25 °CAmbient temp. operating max.+70 °CStorage temperature min40 °CStorage temperature max.+80 °CEnvironmental restistanceacc. to IEC 60068-2-14, -30, -33 and -78ROHS compliantyes	Robustness max.	100 N
Operating life (operations)1,000,000 momentary / 500,000 latching cycleDegree of protection from front sideIP65 (DIN EN 60529)Ambient temp. operating min25 °CAmbient temp. operating max.+70 °CStorage temperature min40 °CStorage temperature max.+80 °CEnvironmental restistanceacc. to IEC 60068-2-14, -30, -33 and -78ROHS compliantyes		
Degree of protection from front side  IP65 (DIN EN 60529)  Ambient temp. operating min.  -25 °C  Ambient temp. operating max.  +70 °C  Storage temperature min.  -40 °C  Storage temperature max.  +80 °C  Environmental restistance  ROHS compliant  IP65 (DIN EN 60529)  -25 °C  -70 °C  -40 °C  -40 °C  -80	•	
Ambient temp. operating min.  -25 °C  Ambient temp. operating max.  +70 °C  Storage temperature min.  -40 °C  Storage temperature max.  +80 °C  Environmental restistance  acc. to IEC 60068-2-14, -30, -33 and -78  yes		
Ambient temp. operating max. +70 °C  Storage temperature min40 °C  Storage temperature max. +80 °C  Environmental restistance acc. to IEC 60068-2-14, -30, -33 and -78  ROHS compliant yes	Degree of protection from front side	<u>IP65 (DIN EN 60529)</u>
Storage temperature min.  Storage temperature max.  Environmental restistance  ROHS compliant  -40 °C  +80 °C  acc. to IEC 60068-2-14, -30, -33 and -78  yes	Ambient temp. operating min.	-25 °C
Storage temperature max. +80 °C Environmental restistance acc. to IEC 60068-2-14, -30, -33 and -78 ROHS compliant yes	Ambient temp. operating max.	+70 °C
Environmental restistance acc. to IEC 60068-2-14, -30, -33 and -78  ROHS compliant yes	Storage temperature min.	-40 °C
ROHS compliant yes	Storage temperature max.	+80 °C
	Environmental restistance	acc. to IEC 60068-2-14, -30, -33 and -78
	ROHS compliant	yes
REACH compliant yes	REACH compliant	yes



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



