

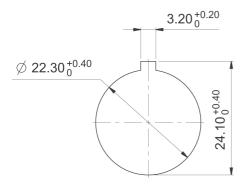
RAFIX 22 FS⁺ - Pushbutton, illuminated, protruding lens, round collar, metal front ring, momentary

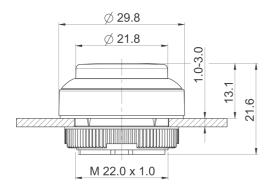
1.30.270.221/2300

| Port of lens | General information | |
|--|---------------------------------------|-----------------|
| Color of front ring silver metallic Form of collar round Dimensions Dimensions of collar Ø 29.8 mm Overall height 12.9 mm Mounting depth PCB 9.2 mm, QC 27 mm Mounting depth 22.3 mm Key grid 30 x 30 mm Diameter of collar 29.8 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 / 650,000 latching cycle B10 1,300,000 momentary / 650,000 latching cycle Environmental restistance acc. to IEC 60068-2-14, -30, -33 and -78 <td>Form of lens</td> <td>protruding lens</td> | Form of lens | protruding lens |
| Dimensions | Color of lens | translucent red |
| Dimensions Dimensions of collar Overall height Mounting depth PCB 9.2 mm, QC 27 mm Mounting hole 22.3 mm Key grid 30 x 30 mm Diameter of collar 29.8 mm Mechanical design Mounting ring nut Contact function Illuminability yes Torque for nut ring 1.2 Nm Mechanical characteristics Operating travel Robustness max. 100 N Other specifications Ambient temp. operating min25 °C Ambient temp. operating max. +70 °C Storage temperature min. Storage temperature max. Operating life 1,300,000 momentary / 500,000 latching cycle Degree of protection from front side ENVIRON ENCORPORT ENCORPORT ILLUMINATION OF TORM OCC Storage 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 | Color of front ring | silver metallic |
| Dimensions of collar Ø 29.8 mm Overall height 12.9 mm Mounting depth PCB 9.2 mm, QC 27 mm Mounting hole 22.3 mm Key grid 30 x 30 mm Diameter of collar 29.8 mm Mechanical design Mounting ring nut Contact function momentary Illuminability yes Torque for nut ring 1.2 Nm Mechanical characteristics Operating travel Operating travel 4 mm Robustness max. 100 N Other specifications -25 °C 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 </td <td>Form of collar</td> <td>round</td> | Form of collar | round |
| Dimensions of collar Ø 29.8 mm Overall height 12.9 mm Mounting depth PCB 9.2 mm, QC 27 mm Mounting hole 22.3 mm Key grid 30 x 30 mm Diameter of collar 29.8 mm Mechanical design Mounting ring nut Contact function momentary Illuminability yes Torque for nut ring 1.2 Nm Mechanical characteristics Operating travel Operating travel 4 mm Robustness max. 100 N Other specifications -25 °C 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 </td <td>Dimensions</td> <td></td> | Dimensions | |
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| Mounting depth PCB 9.2 mm, QC 27 mm Mounting hole 22.3 mm Key grid 30 x 30 mm Diameter of collar 29.8 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 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 hole 22.3 mm Key grid 30 x 30 mm Diameter of collar 29.8 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 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 | - | |
| Key grid 30 x 30 mm Diameter of collar 29.8 mm Mechanical design ring nut Mounting ring nut Contact function momentary Illuminability yes Torque for nut ring 1.2 Nm Mechanical characteristics Operating travel 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 | | |
| Mechanical design Mounting Contact function Illuminability Torque for nut ring Coperating travel Robustness max. Ambient temp. operating max. Storage temperature min. Storage temperature max. Operating life 1,000,000 momentary / 500,000 latching cycle B10 1,300,000 momentary / 550,000 latching cycle Degree of protection from front side Environmental restistance Salt spray Iring nut momentary yes 1.2 Nm Amomentary 4 mm 100 N Coperating travel 4 mm 100 N -25 °C 4 momentary -25 °C -40 °C -50 °C -40 °C -50 °C -50 °C -50 °C -60 °C -70 °C | | |
| Mechanical designring nutContact functionmomentaryIlluminabilityyesTorque for nut ring1.2 NmMechanical 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 | | |
| 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 | Diameter of collar | 29.8 mm |
| 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 20,000 momentary / 650,000 latching cycle B10 1,300,000 momentary / 650,000 latching cycle B10 2,000,000 momentary / 650,000 latching cycle B10 1,300,000 momentary / 650,000 latching cycle B10 2,000,000 momentary / 650,000 latching cycle B10 1,300,000 momentary / 650,000 latching cycle | Mechanical design | |
| Contact function momentary Illuminability yes | _ | ring nut |
| 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 2,300,000 momentary / 650,000 latching cycle B10 1,300,000 momentary / 650,000 latching cycle B10 2,300,000 momentary / 650,000 latching cycle B10 1,300,000 momentary / 650,000 latching cycle | Contact function | momentary |
| 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 |
| 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 | Torque for nut ring | 1.2 Nm |
| 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. -25 °C Ambient temp. operating max. +70 °C Storage temperature min. Storage temperature max. -40 °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 Salt spray IEC 600 68-2-11 ROHS compliant yes | Operating travel | 4 mm |
| Ambient temp. operating min. Ambient temp. operating max. +70 °C Storage temperature min. Storage temperature max. -40 °C Storage temperature max. -40 °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 ROHS compliant yes | Robustness max. | 100 N |
| Ambient temp. operating min. Ambient temp. operating max. +70 °C Storage temperature min. Storage temperature max. -40 °C Storage temperature max. -40 °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 ROHS compliant yes | Other enecifications | |
| 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 | | -25 °C |
| Storage temperature min. Storage temperature max. -40 °C Storage temperature max. -40 °C 1,000,000 momentary / 500,000 latching cycle 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 | | |
| 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 | • | |
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| 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 | | |
| Degree of protection from front side Environmental restistance Salt spray ROHS compliant P65 (DIN EN 60529) acc. to IEC 60068-2-14, -30, -33 and -78 IEC 600 68-2-11 yes | | |
| Environmental restistance acc. to IEC 60068-2-14, -30, -33 and -78 Salt spray IEC 600 68-2-11 ROHS compliant yes | | |
| Salt spray IEC 600 68-2-11 ROHS compliant yes | • | |
| ROHS compliant yes | | |
| | | |
| | • | |



Panel cut-out to IEC 60947-5-1





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