Safety precautions

⚠ CAUTION

■ Safety precautions

- ● Always use within the product specifications.
- ● This product is used for compressed air. Do not use this unit for other fluids.
- ● Securely insert the tube to the tube end and make sure that the tube cannot be pulled out.
- ● Cut the tube with a dedicated cutter and always at a right angle.
- ● Remove all cutting chips and foreign matter generated during piping and tube insertion before starting use.
- ● Provide sufficient allowance in the tube so that it does not bend sharply.
- ● Avoid using this product in hot humid places, outdoors or where it is subject to direct sunlight.
- ● Do not use the product in a place where it could come in direct contact with coolant or spatter, etc.
- ● Avoid using this product in places with high levels of vibration or impact.
- ● The needle tolerates a slight leak even when fully closed, so do not use it as a stop valve.
- ● Consult with CKD for use in special environments.

■ Precautions for piping

- ● Always use within the recommended tightening torque range.
- ● Do not tighten while pressure is applied.
- ● Stop air flow and confirm that there is no residual pressure before replacing the tube.
- ● Mounting in an arbitrary direction is possible by rotating the unit 360°, but do not use this product in applications involving constant rotation or oscillation.
- ● Do not apply load other than what is required for rotating onto the rotator and fitting connection.

Port thread	Tightening torque N·m
M3	0.3 to 0.6
M5	1.0 to 1.5
Rc1/8	3 to 5
Rc1/4	6 to 8
Rc3/8	13 to 15
Rc1/2	16 to 18