



CKD Corporation

CSM-0076-A

SM-2619-A

INSTRUCTION MANUAL

REGULATOR

2619 P8
P9

Please read this operation manual carefully before using this product, particularly the section describing safety.

Retain this operation manual with the product for further consultation whenever necessary.

For Safety Use

To use this product safely, basic knowledge of pneumatic equipment, including materials, piping, electrical system and mechanism, is required (to the level pursuant to JIS B 8370 Pneumatic System Rules).

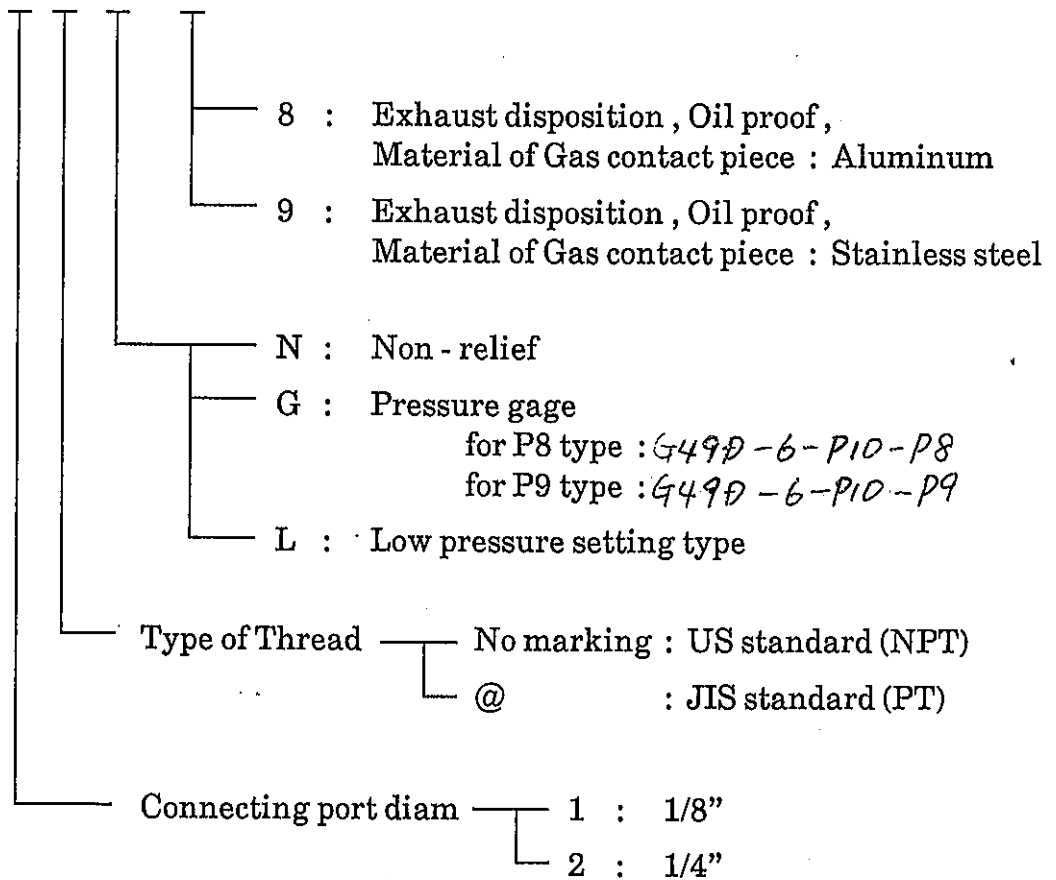
We do not bear any responsibility for accidents caused by any person without such knowledge or arising from improper operation.

Our customers use this product for a very wide range of applications, and we cannot keep track of all of them. Depending on operating conditions, the product may fail to operate to maximum performance, or cause an accident. Thus, before placing an order, examine whether the product meets your application, requirements, and how to use it.

This product incorporates many functions and mechanisms to ensure safety. However, improper operation could result in an accident. To prevent such accidents, read this instruction manual carefully for proper operation.

① Model code

2619 - ○ ○ - ○ - PO



② Specifications

Workig fluid	: Compressed Air
Max. working pressure	: P8-2.06 MPa , P9-1.0 MPa
Working temperature range	: 5~65°C
Pressure setting range	: Standard type : 0.04~0.83 MPa Low pressure type : 0.04~0.34 MPa
Withstanding pressure	: P8-3.09 MPa , P9-1.5 MPa
Relief pressure	: Set pressure + 0.05 MPa
Material of major components	: Body : P8 type : Corrosion proof aluminum P9 type : Stainless steel SUS304 Rubber parts : Fluorine rubber , both P8 and P9

③ Cautions ; Installation and operation

- 1) Mount pipings to the body after wash - cleaning them.
- 2) Build system so as to have air flow match with the arrow mark on body.
Otherwise, it may cause malfunction.
- 3) Install pressure gage to the side of easy watching.
- 4) Apply a plug screw accompanying with to the gage port on the other side.
- 5) Use appropriate type gage exclusive for P8 type and P9 type respectively.
- 6) Keep the max - working pressure *P8 type 2.06 MPa, P9 type 1.0 MPa or lower.*
- 7) Make sure to install connector (clamp nipple) accompanying with for the purpose of exhaust disposition.
- 8) Connect a Nylon tube of OD $\phi 6$ (ID $\phi 4$) to the connector for exhaust disposition.
- 9) Keep disassembling and assembling as minimal as possible because this equipment has been factory assembled within a "Clean room"

④ Pressure adjustment

- 1) Remove a cap before adjusting pressure setting and make sure to mount it back upon pressure adjustment.
- 2) Pressure adjusting knob, when pressed in, automatically locks itself preventing its rotation.
Pull the knob back, for pressure adjustment, then start turning it upon confirming it unlocked.
- 3) The secondary pressure is raised when adjusting knob is turned clockwise as well as being lowered by counter clockwise turning.