

INSTRUCTION MANUAL

AIR TIMER

RTD-3A

- Please read this instruction manual carefully before using this product, particularly the section describing safety.
- Retain this instruction 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.

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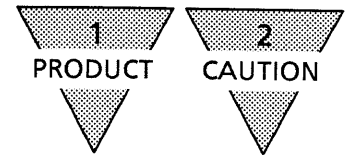
RTD-3A

Air timer

Manual No. SM-6675-A

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NOTE: Letters & figures enclosed within Gothic style bracket
(examples such as [C2-4PP07] · [V2-503-B] etc.) are editorial
symbols being unrelated with contents of the book.



1. SPECIFICATIONS

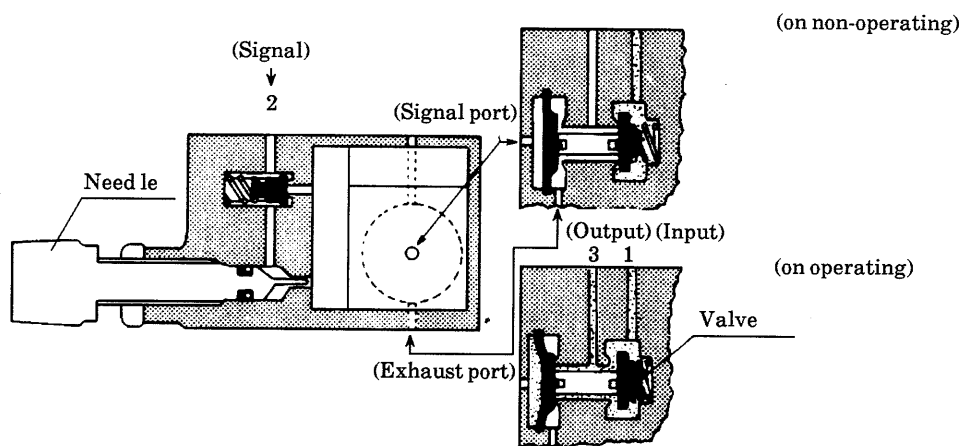
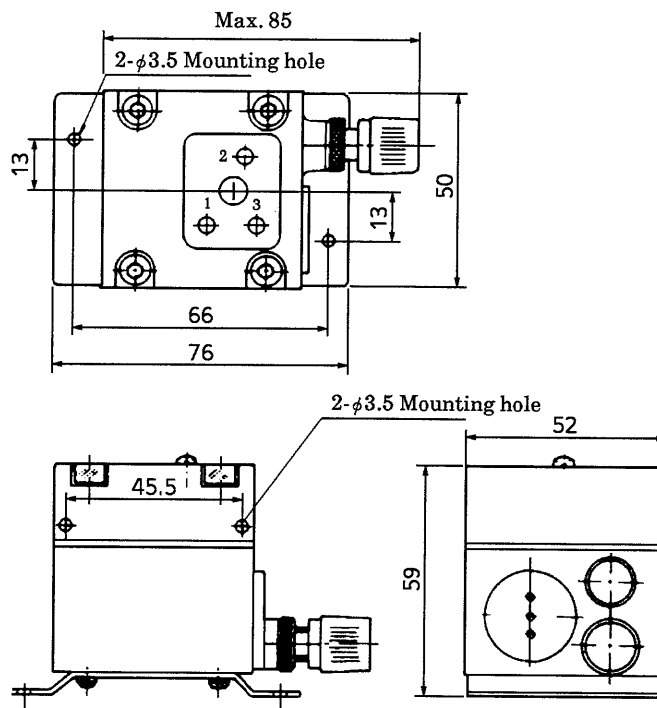
Item	RTD-3A	
Media	Air	
Working pressure	MPa	0.25 - 0.8
Pilot pressure	MPa	0.25 - 0.8
Delay time	s	MAX 30
Fluid temperature	°C	5 - 60
Ambient temperature	°C	5 - 60

2. CAUTIONS FOR THE MOUNTING

Item	Right ways	Wrong ways	Explanation
(1)			Flush air into the pipe to blow out foreign substances and chips before piping. (Air flushing)
(2)			Be careful to pipe to each port according to the port No. marks and this cautions. Port 1. 2 Primary pressure Port 3 2nd pressure
(3)			Be careful for the primary pressure (port 1 and 2) to be within the specified pressure range. Add some regulator for higher pressure than the specified pressure.
(4)			Install an air filter to the upstream side of regulator to filtrate any dust or condensed humidity from coming through the regulator.

3 OPERATION

3. OPERATING EXPLANATION



Working pressure		MPa	0.25 - 0.8
Pilot presr		MPa	0.25 - 0.8
Delay time		s	MAX30
Port	IN port		1
	OUT port		3
	Pilot port		2

