



CONOTEC FOX-1004 Digital Temperature Controller User Manual

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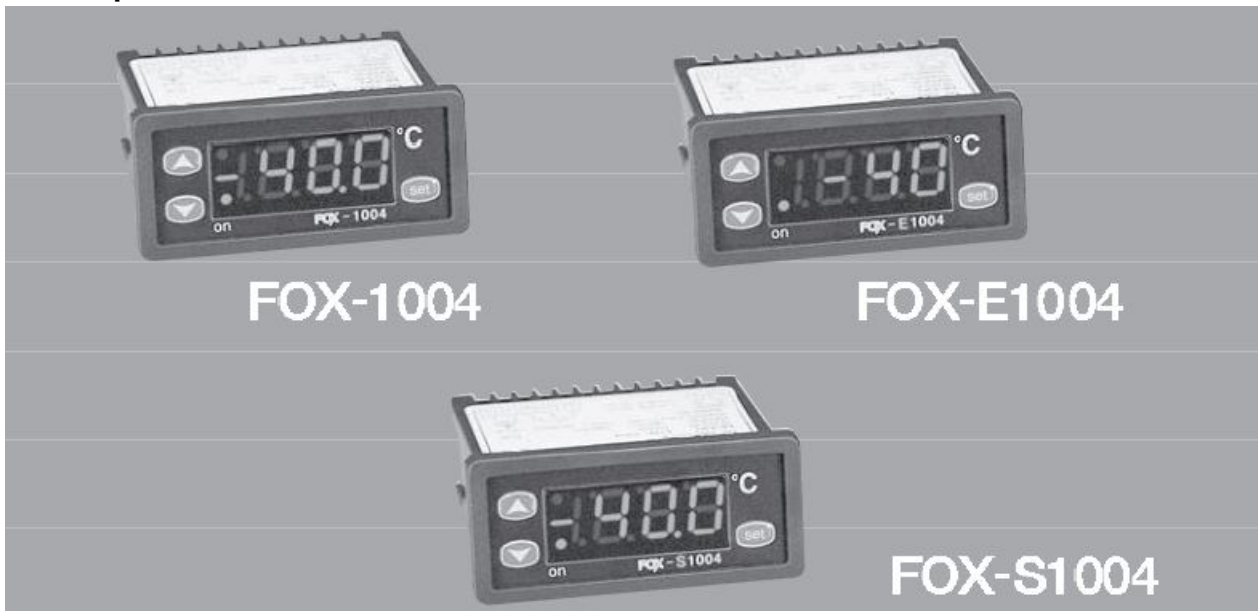
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FOX-1004 Digital Temperature Controller



Digital Temperature Controller



Thank you for selecting our products. Please read carefully this instruction to reduce any damages or operation mistakes.

Simple terminology

TEMP : EYP Selection of the Coolinx() & Heating(H)

OFF : Settling for the amplitude deviation

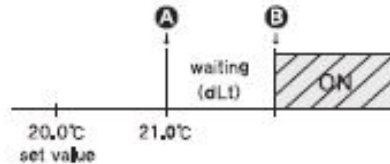
- In the ON/OFF mode, it works at regular intervals between (ON and OFF)
- By operating the ON/OFF manually, the relay or its output cannot be changed quickly and it also occurs the hysteresis oscillation, due to the external noise. You can make use of the temperature deviation in order to rotate the relay or output as soon as

dLt

:Dead time of the output

It is widely used as follows

- in case of operating the ON/OFF controller
- when waiting for the operation when the power supply is momentarily stopped
 - **if the set value is 1:** from until Btime – the relay is ON in the point after as cdeday as the diEsetting time (1minNset) (tickling the output lamp «dr ie tlhe dit me)



Cor

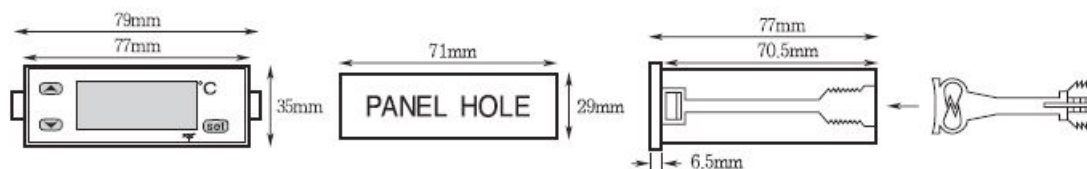
:Correction function of the present temperature

- (Correction function for a discrepancy between the present display value and the actual value (accurate value))

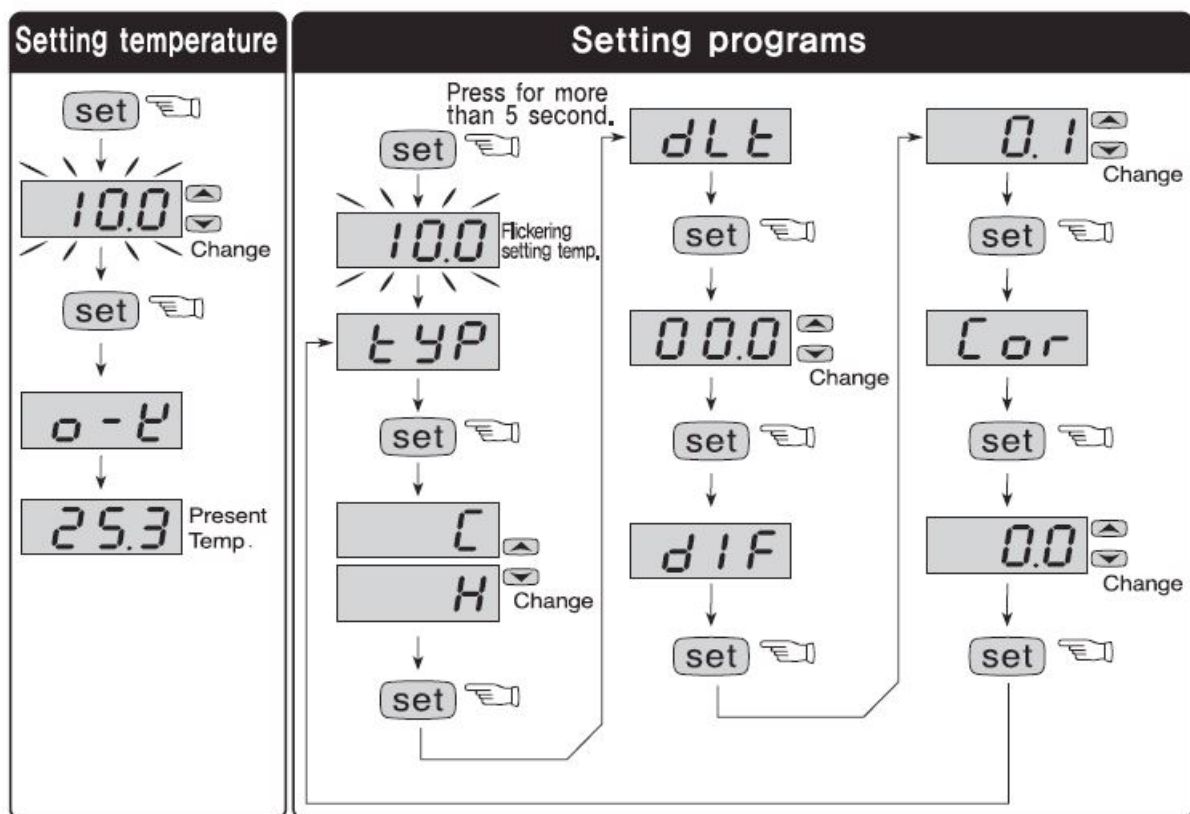
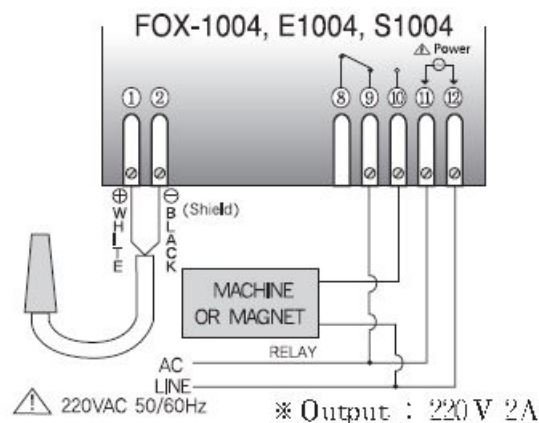
ex An actual temperature value 10.0°C but the present temperature display value was 12.0°C

=> You may use this function and can correct the display temperature value by 2.0°C

Dimension

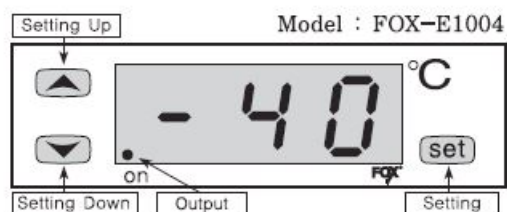
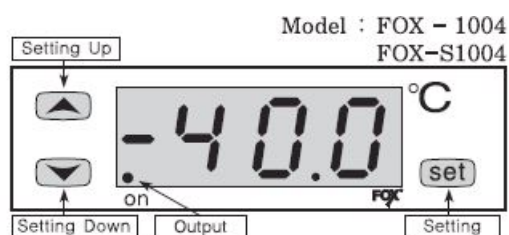


Connection



MODEL	TEMP. RANGE	SENSOR TYPE
FOX-1004	-40.0°C ~ +90.0°C	Diode
FOX-E1004	-40°C ~ +90°C	Diode
FOX-S1004	-40.0°C ~ +90.0°C	Diode

Part name



FOX1004, FOX-E1004 : use both Cool & Heat
FOX-S1004 : only Cool

Setting temperature & programs

- **Setting temperature**

- o **The present temperature:** shall be displayed after power splr. Hset) key is pressed otly,og will be ticked. Press key tw ch:nge the setting value If se key is pressed ain.oletkr shall be stoed and the setting temDeritire value shall be ived and the Desent temerutire shall be dsplsved

- **Setting programs**

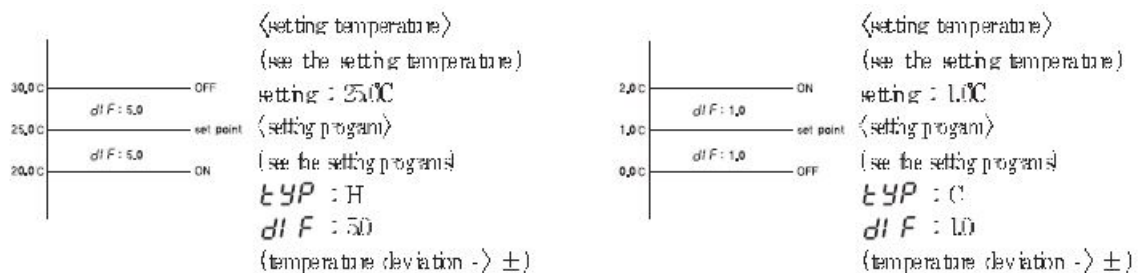
- if key is pressed more than once, the program mode will be programmed as following sequences TYP-DIT9DI-XOR (rekr tw let side eting poarm) The ettine vaue of each mode should chnged by prssing ker und then press Se key to move tw net mmode

The et or programming mode is urmiu tec, if ou pres theSe key ir mare tn 2 second, parumeters (set values) sre saved ater disjiuy ne Lo-Eltrr or etum tw the p:sent temneratire uuwrmsticaly atter 10 Seconds,

Model		FOX-1001	FOX-S1001	FOX-E1001
Typ	Cooling/Heating	C / H	Cooling	C / H
DLt	Delay Time	0 ~ 19min, 59sec.	0 ~ 19min, 59sec.	0 ~ 19min, 59sec.
dIF	Temp. Deviation	±0.1°C~±19.9°C	+0.1°C~+19.9°C	±1°C~±19°C
Cor	Connector of Temperature	±50°C	±5.0°C	±5°C

Application of FOX-1004

Heuter-) turn off at 300C turn on at 0T. How to operate {setting 10r the temperature c& prglan Coder -) turn off st 0 C, turn n at 20 How to operate {setting ur the temperature prgam)!



Safety and Hazard Instructions

Safety

dangerous factors such as serious human injury or serious damages of property & important machine because this item is not designed as safety device

Safety Instruction and Hazard Warnings

[illegible]

Ionær Please 1e the en«r cahle withazt ane cutine or fhw. bemšh The device not a tuv and #hald te kept away frun
cien ITEta lat ton wcrk must cnlv be cerriexd out hw suitaly aualfied rersonn=l whu are fimilbr with the havwarck
imvcdvecd and with the evant reglatine. YCRI slinddht tönker with anvthineOr the pnxdut mav mt he enecd or
digitsemhed unes ¥(RI knm¥ w heit vcRire dHng Please ask us ahrut this uuest iaminz

Danger

Attenlion ! Never wrk on electrical cmnections when lh e machme is swiLched m

Erra message

H.Office : Ballyonsandan 1-ro, Jangan-eup, Gijang, Busan, Republic of Korea

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This device works proper opera! i on with:

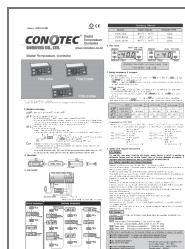
Surrounding Temp. : 0°C~t0 ° C

Surrounding Hurni. : below 80%RH

Regular pa,ver : 22JVAC



Documents / Resources



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FOX-1004 Digital Temperature Controller, FOX-1004, Digital Temperature Controller, Temperatu
re Controller, Controller