

ANALOG BACKUP TRANSDUSER

CAMTP1 - □ □ □

■ Use

A transducer which provides output with a backup when a computer or a PID controller was down. Follow-up movement of input/output (SPEED) and output backup function (HOLD) at the time of supporting power failure are settable by a programming unit (type CCM-1) .

■ Features

1. Constant voltage/current output. A product with a selection switch for DC4-20mA/DC1-5V is manufacturable.
2. Withstand voltage between electric circuit and outer case AC2, 000V (50/60Hz), AC1, 500V (50/60Hz) for 1 minute between input/output and auxiliary supply.
3. With or without the output hold at the time of auxiliary supply failure, and the response time of output follow-up can be set or changed by the programming unit CCM-1. Also, a simulated output for a loop test is available.
4. With setting value of the programming unit CCM-1 stored in a nonvolatile memory, there is no need to set the CCM-1 again even if the electric power of main device failed.
5. Manual UP/DOWN operation of the external control

■ Specification

Input (input resistance)	Output (load resistance)	Auxiliary supply	Common specification
A1 : DC0-10mV (approx.1MΩ)	1 : DC0-100mV ($\geq 200\Omega$)	1 : AC100V(+10%, -15%),50/60Hz	Tolerance: $\pm 0.25\%$ *2 (% against output span) Consumption VA: AC power source:3.0VA DC power source:3.0W Weight: AC power source:500g DC power source:400g
A2 : DC0-50mV (approx.1MΩ)	2 : DC0-1V ($\geq 200\Omega$)	2 : AC110V(+10%, -15%),50/60Hz	
A3 : DC0-60mV (approx.1MΩ)	3 : DC0-5V ($\geq 1k\Omega$)	3 : AC200V(+10%, -15%) 50/60Hz	
A4 : DC0-100mV (approx.1MΩ)	4 : DC 0-10V ($\geq 2k\Omega$)	4 : AC220V(+10%, -15%), 50/60Hz	
A5 : DC0-1V (approx.1MΩ)	5 : DC1-5V ($\geq 1k\Omega$)	5 : DC24V(+10%, -15%)	
A6 : DC0-5V (approx.1MΩ)	A : DC0-1mA ($\geq 12k\Omega$)	0 : other than those above	
A7 : DC0-10V (approx.1MΩ)	B : DC0-5mA ($\geq 2.4k\Omega$)		
A8 : DC1-5V (approx.1MΩ)	C : DC0-10mA ($\leq 1.2k\Omega$)		
C1 : DC0-10 μ A*1 (100mV)	D : DC0-16mA ($\leq 750\Omega$)		
C2 : DC0-100 μ A (100mV)	E : DC1-5mA ($\leq 3k\Omega$)		
C3 : DC0-1mA (approx.100Ω)	F : DC4-20mA ($\leq 750\Omega$)		
C4 : DC0-5mA (approx.100Ω)	G : DC4-20mA ($\leq 800\Omega$)		
C5 : DC0-10mA (approx.100Ω)	H : DC1-5V ($\geq 250k\Omega$)		
C6 : DC0-16mA (approx.100Ω)	SW switching		
C7 : DC4-20mA (approx.100Ω)	0 : other than those above		
00 : other than those above			

●Open of current output: even if the current output terminal is used in a state of regular open, there is no problem.

Also, a voltage of approx. 30V occurs on the output terminal.

*1. Circuit voltage $\leq 15V$ for an input of 10 μ A.

*2. Tolerance becomes $\pm 0.5\%$ when input voltage is less than 50mV; input current is less than 100 μ A.

CAMTP1-C7H1

(80×50×133mm/500g)



■ Connection diagram

