

This controller can generate any desired 2-channel analog voltage pattern outputs and can be used with slope-proportional and time-proportional systems.



■ Model Number Designation

AMC	-T	-20
Series Number	Type of Function	Design Number
AMC : Setting Adjuster	T : Acceleration/deceleration signal type (Slope Controller)	20

■ Specifications

Model No.	AMC-T-20		
Description			
Number of Output Channels	2 channels (A, B)		
Maximum Output Range	0 - +5 V★, 0 - ±5 V, 0 - +10 V, 0 - ±10 V (The settings are DIP switch selectable)		
Two Categories of Slopes	<table style="width: 100%; border: none;"> <tr> <td style="width: 70%; border: none;"> Slope-constant With a level change, the slope will not change (but arrival time changes.) Time-constant With a level change, the time will not change (but the slope changes.) </td> <td style="width: 30%; border: none; vertical-align: middle;"> } (to be selected by DIP switch) </td> </tr> </table>	Slope-constant With a level change, the slope will not change (but arrival time changes.) Time-constant With a level change, the time will not change (but the slope changes.)	} (to be selected by DIP switch)
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Acceleration/Deceleration Signal Type	4 Types Polygonal Line Signal★ : 1 Type (to be selected by DIP switch) Curve Compensation Signal : 3 Types		
Maximum Slope Time	5 s★, 20 s, 50 s, 100 s (The settings are DIP switch selectable)		
Setting Resolution	The level and slope settings are variable in 0.1% units from 0 to ±99.9%		
Control Mode Number of Preselected Patterns	Mode 1, 4-bit binary code input, 15 patterns Mode 2, 6-bit binary code input, 63 patterns Mode 3, Timer control, 9 patterns (4 variations)		
Stop Mode (Applicable Only for Control Mode 1)	ON : The stop mode is to retain the state of controller output at the instant an external input signal is interrupted. When the external signal is input again, the operation is resumed from the retained state. OFF★ : When external input signal is interrupted, function goes back to the initial setting (Pattern No.0).		
Control Input Signal	Current input type, 10 mA /bit max. Usable as a voltage input type (voltage range: 8 to 48V DC) Photocoupler insulation input		
Control Output Signal	Output from transistor open collector Max. 30V, 50 mA		
Data Save	EEP-ROM (Battery not needed)		
Power Supply	100/200 V AC, 50/60 Hz (85-260 V AC)		
Power Input	Less than 10 VA		
Ambient Temperature	0-50°C (32-122°F)		
Ambient Humidity	Less than 85%RH (Bedewing must be avoided)		
Approx. Mass	1 kg (2.2 lbs.)		

Note: ★ Indicates preset conditions.

■ Instructions

- Since this controller incorporates a micro computer, do subject it to undue electrical noise.