

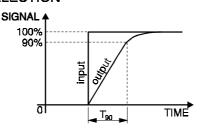
Output Options: Ramp, Auxiliary Supply BSC133

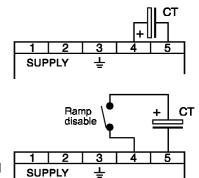
Output Option 1: Ramp Output.

Timing capacitor CT is selected to achieve the desired ramp time.

TIMING CAPACITOR CT SELECTION

СТ	T90 TIME
	1 sec 5 sec 10 sec 20 sec
147μF	30 sec





T90 time is defined as follows:

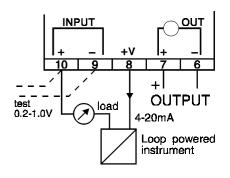
FOR AN INPUT STEP OF 0 - 100%, THE OUTPUT RAMPS UP TO 90% IN 'T90' SECONDS (e.g. 18.4mA for 4 - 20mA input signal).

Capacitor CT can be an Electrolytic capacitor or tantulum, minimum voltage 16V.

Output Option 6: Auxiliary 24Vdc Supply For 3-Wire Input.

R load max =
$$\frac{23 - U_T}{0.02} (\Omega)$$

 U_T = Voltage drop across loop powered instrument (12V typically).



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Output Options: Ramp, Auxiliary Supply BSC133		No DS13302 Issue:	2 10/04/97