

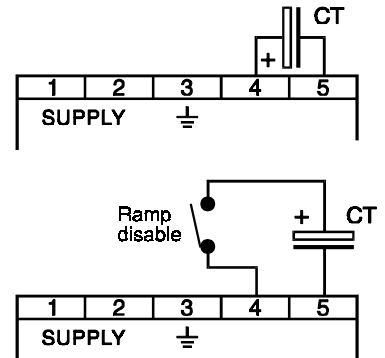
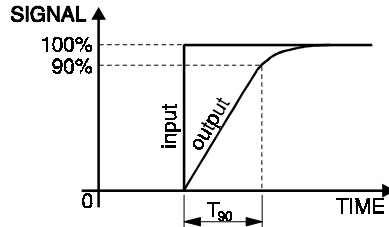
Output Options: Ramp, Auxiliary Supply BSC133

Output Option 1: Ramp Output.

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

TIMING CAPACITOR CT SELECTION

CT	T ₉₀ TIME
2µF	1 sec
22µF	5 sec
47µF	10 sec
100µF	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.

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

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

