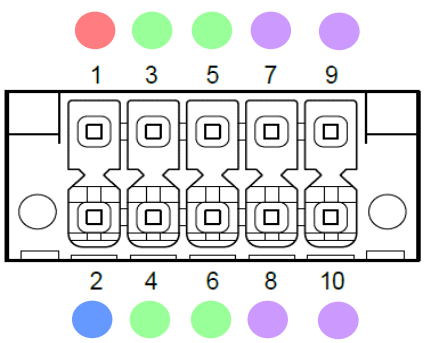
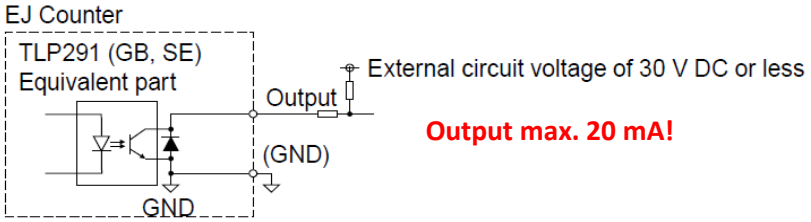
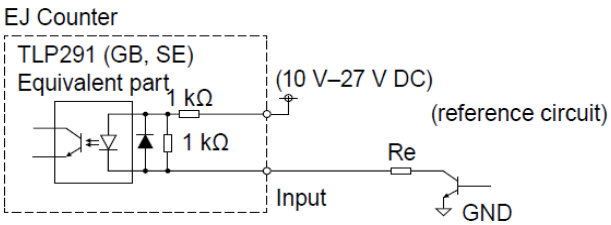
EJ-102N counter pinout

1	POWER	12 / 24 V	Power supply, 10 V - 27 V, DC
2	POWER	GND	Ground
3	IN	$\overline{\text{1/2 SEL IN}}$	Specifies the channel for input/output signals. **Tips:** • When Parameter Number 11 is set to 1, the display channel can be changed by switching between H and L. • When disconnected (open), the signal level goes H.
4	IN	$\overline{\text{CLEAR}}$	Peak value is cleared when the signal falls. If an error has occurred, the error is cleared at the same time. **Tips:** • The setting of Parameter Number 14 determines whether the function is aplied to the channel specified by 1/2 SEL, or to both channels. • Peak value is cleared even during peak mode value display. • When disconnected (open), the signal level goes H.
5	IN	$\overline{\text{HOLD}}$	When the signal falls, HOLD is applied to all channels. When the signal rises, origin detection wait is switched between ON and OFF. **Tips:** • The HOLD signal is shared by all EJ Counters that are linked together. • When disconnected (open), the signal level goes H.
6	IN	$\overline{\text{PRESET}}$	Preset is performed when the signal falls. **Tips** • The setting of Parameter Number 13 determines whether the function is aplied to the channel specified by 1/2 SEL, or to both channels. • When disconnected (open), the signal level goes H
7	OUT	$\overline{\text{ERR/ALLGO}}$	**When ERR output is selected:** L: There is an error on at least one channel. H: There are no errors on any channel. **When ALLGO output is selected:** L: All channels are GO or without errors. H: At least one channel is NG or has an error. **Tips:** • The setting of Parameter Number 10 determines whether ERR or ALLGO is output. • When multiple EJ Counters are linked together, the setting of Parame ter Number 10 must be the same for all of them. Correct output will not be obtainet if even one EJ counter has a different setting. • The range in which channesl ade GO is "S1 ≤ measurement result ≤ S4" for both 3-step tolerance judgement and 5-step tolerance judgement. When "measurement result < S1" or "S4 < measurement result", ERR is displayed.
8	OUT	$\overline{\text{LT1 (low)}}$	Outputs the tolerance judgement for the channel specified by 1/2 SEL. Output the various signals corrsponds to the on or off state of the tolerance indicator. H: The corresponding tolerance indicator in off. L: The corresponding tolerance indicator in on.
9	OUT	$\overline{\text{LT2 (OK)}}$	
10	OUT	$\overline{\text{LT3 (high)}}$