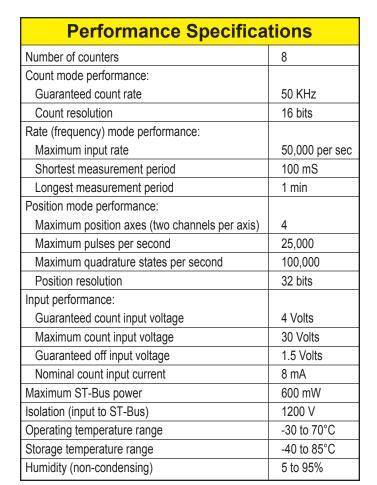


## Select high-speed counter inputs when...

...you need pulse accumulators, pulse rate, or position information.

- Count rates to 50 KHz
- Cascade counters for 32-bit results
- Measure pulses per second or per minute
- Direct position detection from quadrature encoders
- Individually isolated inputs for best noise immunity
- Count inputs also report as discrete inputs

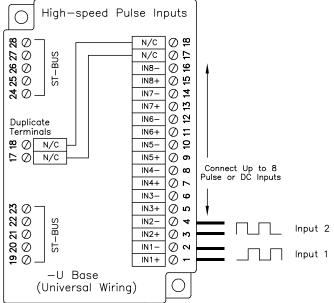


**Note:** A pair of counter channels can be combined to make a 32-bit up/down counter or accumulator.

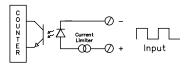
Ordering Information	
Description	Part Number
8 High Speed Counters w/Base	ST-DI-CNT-08U

Module Only

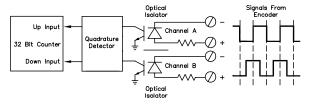




Typical Count/Rate Input Circuit



Typical Position Input Circuit



ST-DI-CNT-08M