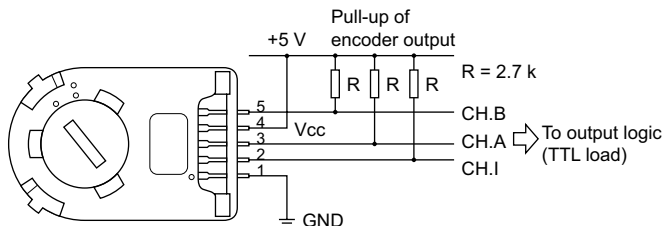


■ Electrical interface

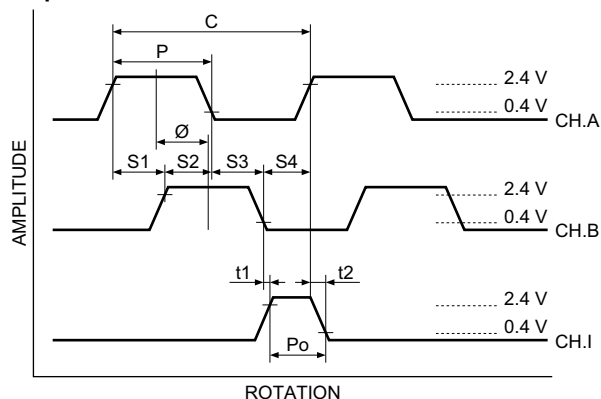
We recommend that the CH.A, CH.B and CH.I outputs be pulled up with a resistance of 2.7 k Ω ($\pm 10\%$) in order to shorten the rise time of the output pulse. Install a pull-up resistor near the encoder (within 1 m).



■ Applicable connectors

Manufacturer	Model numbers
Tyco Electronics	103686-4
AMP	640442-5
Du Pont	65039-032 (housing) 4825X-000 (contact)
Avago Technologies Limited	HEDS-8903 (for 3 channels: 5 lead wires)
Molex	2695 series (housing) 2759 series (contact)

■ Output waveform



These products are manufactured at plants certified with the international standards **ISO 9001** (for quality assurance) and **ISO 14001** (for systems of environmental management).

Specifications are subject to change without notice.
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