



PU204

TTL / RS422 - HTL converter & direction signal generator without potential separation

Product Features:

- Converts TTL / RS422 signals (A, /A, B, /B, Z, /Z) to HTL (A / B / Z) with a 10 to 30 VDC level
- Generates also a static HIGH / LOW direction signal or separate direction-pulses from a directional 90° phase shifted A / B information
- Open PCB version with plastic-housing for a simple snapping onto top hat rails according to EN 60715
- Input frequencies up to 200 kHz possible
- 10 ... 30 VDC power supply

Technische Daten:		
Power supply:	Input voltage: Protection: Ripple: Consumption: Connections:	10 ... 30 VDC reverse polarity protection and fuse (0, 315 A medium time lag) $\leq 10\%$ approx. 85 mA (unloaded) selectively by 1,5 mm ² / AWG 16 screw terminal or 9-pin female SUB-D connector
Encoder supply:	Output voltage: Connections:	5 VDC / max. 100 mA (switchable) selectively by 1,5 mm ² / AWG 16 screw terminal or 9-pin male SUB-D connector
Inkremental input:	Levels: Channels: Frequency: Connections:	5 V-TTL / RS422 A, /A, B, /B, Z, /Z max. 200 kHz male SUB-D connector, 9-pin
Inkremental output:	Levels: Output logic: Channels: Output current: Signal delay time: Connections:	HTL (10... 30 V, depending on supply voltage) push-pull A, B, Z max. 30 mA per channel approx. 800 ns female SUB-D connector, 9-pin
Housing:	Material: Mounting: Dimensions (w x h x d): Protection class: Weight:	plastic 35 mm top hat rail (according to EN 60715) 78 x 90 x 70 mm / 3.071 x 3.543 x 2.756 inch IP20 approx. 100 g
Ambient temperature:	Operation: Storage:	0 °C ... +45 °C / +32 ... +113 °F (not condensing) -25 °C ... +70 °C / -13 ... +158 °F (not condensing)
Failure rate:	MTBF in years:	83.1 a (long-term usage at 60 °C / 140 °F)
Conformity & standards:	EMC 2004/108/EC: Guideline 2011/65/EU:	EN 61000-6-2, EN 61000-6-3, EN 61000-6-4 RoHs-conform

Pulse Diagram:

