

# Ingenieur-Büro Kirchen

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## TTL-Encoder Simulator

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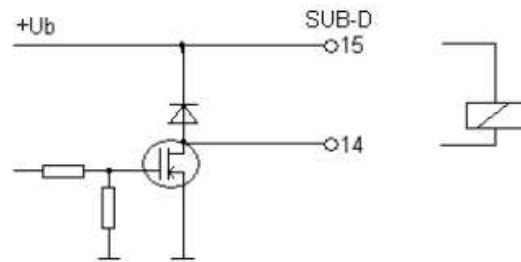


Infonummer: 01027-51

### Header – Pin function

Pin Nr.	Description
1	GND
2	RS422 OUT A +
3	res.
4	RS422 OUT Z -
5	RS422 OUT Z +
6	RS422 OUT B -
7	RS422 OUT B +
8	+U <sub>B</sub> (12VDC to 30VDC)
9	res.
10	RS422 OUT A -
11	res.
12	res.
13	res.
14	Digital Output o.D. driver
15	Digital Output o.D. power

### Digital Output



### Electrical Characteristics

Parameter	Symbol	Min	Typ	Max	Unit
DC Supply Voltage	U <sub>B</sub>	12	24	30	[V]
DC Supply Current (Standby)	I <sub>B</sub>		15		[mA]
Counts per Revolution (CPR)	N	0		4095	
Revolutions per Second	f <sub>AB</sub>	0		2047	[1/s]
Impulse rate (N x f <sub>AB</sub> ) on A,B track	f <sub>IMP</sub>	0		150000	[Hz]
Differential Output voltage per track (R <sub>L</sub> =100Ω, T <sub>A</sub> = 25°C, RS422)	V <sub>OD</sub>	2	3,1	5	[V]
Operating Temperature	T <sub>A</sub>	0		50	[°C]
IP	IP	00		20	