ROTEC
TORSIONAL VIBRATION PROFESSIONALS

Inline DGADP TTL / HTL

ELINL2 (TTL) / ELINL3 (HTL)

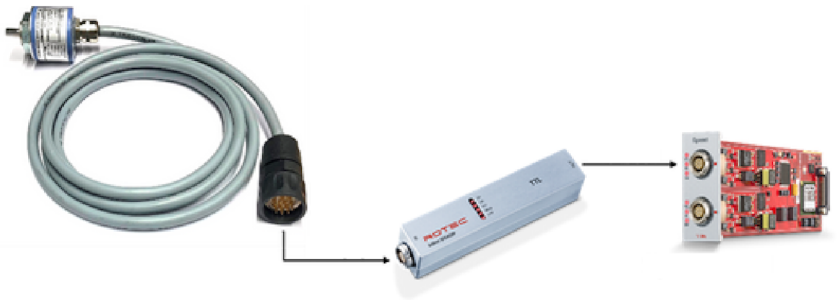
The Inline DGADP TTL (inline incremental encoder adapter) is the compact version of the ROTEC Rotary Encoder Adapter and is particularly suitable for mobile use. It is also available in two versions: for TTL and for HTL incremental encoders.
The adapter generates a digital pulse train with TTL level from the encoder signals, which is used as measuring signal. It records the encoder signals forwards and backwards and derives direction information from them.

Features

- Generates a digital pulse sequence with TTL level
- Derives direction information from encoder signals
- Generates reference pulse as start trigger
- Supplies incremental encoder with power
- Power supplied by RASdelta Speed Board
- Protected against polarity/reversal

Measurement Chain

- Incremental Encoder
- Inline DGDAP TTL / HTL
- RASdelta Speed Board
- RAS Software



Technical Data	
Input socket	8-pin Lemo
Input signal type	TTL / RS422 or HTL
Input overvoltage protection	+/-40 V
Input (tooth) frequency range	• 0 Hz to 14 MHz (RS422-signals) • 0 Hz to 5 MHz (TTL-signals) • 0 Hz to 400 kHz (HTL-Signals)
Output socket speed signal	8-pin Lemo
Output signal type	TTL
Output pulse width	70 ns
Sensor power supply voltage	5 V (TTL / RS 422) 12V (HTL)