OPTEL TEXYS PARIS

QUADRATURE ENCODER

APPLICATIONS

- Direction of rotation encoder, ultra fast
- 152 G7 TTL, 152 G8 et 152 M
- Measurement on rotating machines
- Incremental type encoder
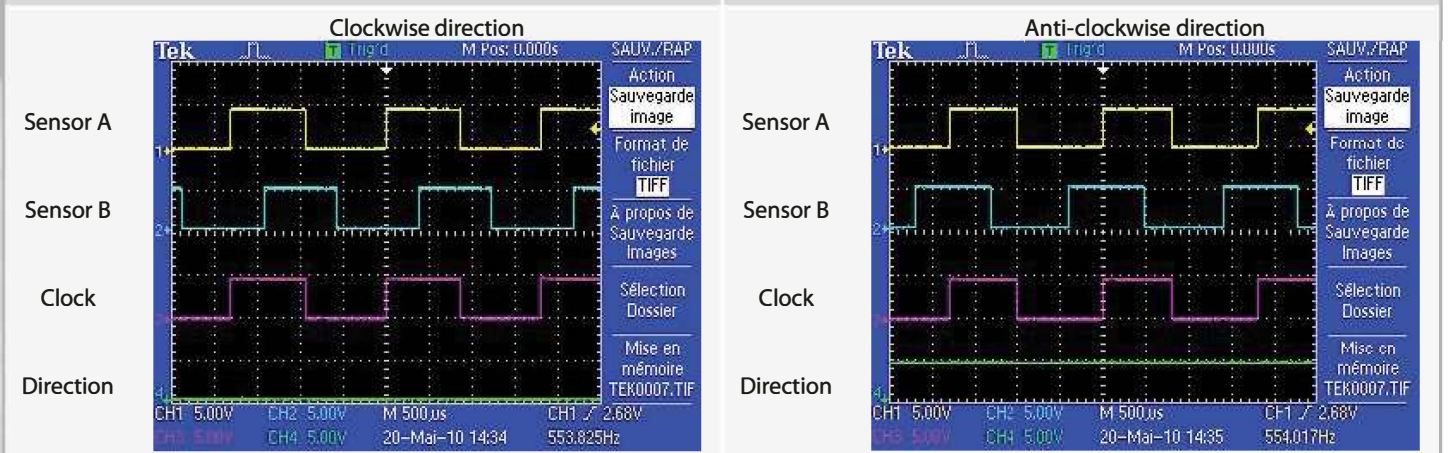- Measurement on test bench or embedded

TECHNICAL CHARACTERISTICS

Functions	Decoding the direction of rotation Power supply of 2 sensors
Application	
Compatibility	Works woth 2 x 152 G7 TTL or 2 x 152 G8 or 2 x 152 M

ELECTRICAL

Power Supply	12 / 24 Vcc
Consumption	Consumption of connected sensors
Cut-off frequency	> 100Mhz
INPUT Voie A (LEMO 0B) Voie B (LEMO 0B)	Power Supply + signal A: TTL (5V) Power Supply + signal B: TTL (5V)
OUTPUT Clock channel (BNC) Direction channel (BNC)	TTL, Magnitude 5V
Visualization	Blue LED power supply Blue LED direction of rotation

MECHANICAL

Box	ABS
Weight	100 gr
Box Dimension / Overall	63 x 43 x 25 mm / 68 x 57 x 25 mm
Internal temperature (dry conditions)	From -10°C to + 50°C

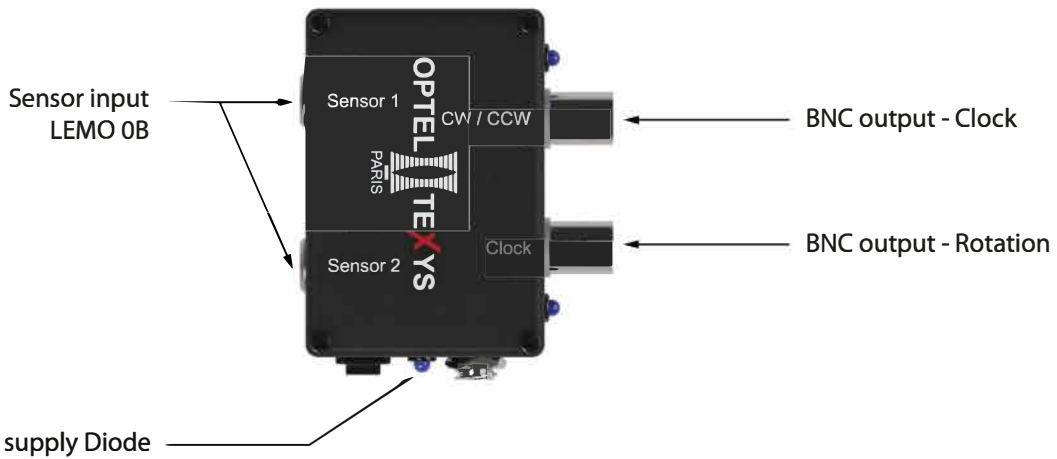| Clockwise direction	Anti-clockwise direction
Sensor A Sensor B Clock Direction	Sensor A Sensor B Clock Direction

Example of use:

Power socket 12V not supplied
depending on country

For optimum operation,
it is important the optical probes are positioned
with a distance of X pulses + 1/4.
The minimum required is 1/4 of a pulse.

Sensor input
LEMO 0B

BNC output - Clock

BNC output - Rotation

Power supply Diode

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PARIS

Advanced Sensing Systems for Analysis of Rotation Equipment

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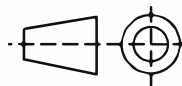
Example of order: QUADRATURE ENCODER	
Alimentation: Power pack	Material: ABS
	Date of review: 20211103
Reference: QUADRATURE ENCODER	