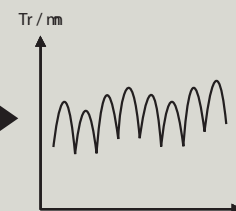
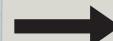
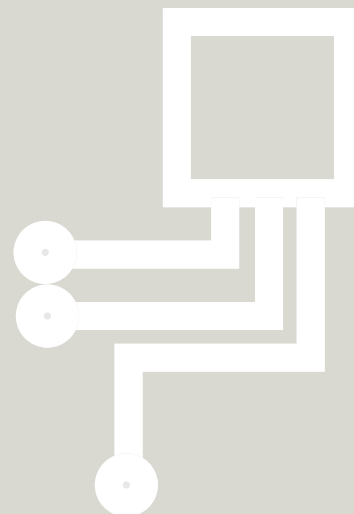


Response time :
< 10 μ s with speed sensor
< 3 μ s with encoder
Programmable
Dedicated to :
- Fast & accurate engine
speed measurements
- Acyclism measurements

FUR-N is dedicated to engine speed and acyclism measurements. The user sets the number of input pulse/rev. and the output range in rpm

. The FUR-N is housed in a 3U-10TE module.

Different parameters (encoder resolution, max/min speed) can be easily modified in order to set the input signal range from 1 Hz to 300 kHz. Encoder or magnetic pick-up can be used.



All D2T products are warranted against defects in materials and workmanship for one year from date of delivery to the original purchaser. Specifications are subject to change without notice.



FRONT PANEL DETAILS

- 1 4 digit alphanumeric for parameters values.
- 2 The red Led indicates the range limits
- 3 The yellow Led indicates the status of the converter
- 4 Miniature data input unit to set parameters.
- 5 BNC inputs. These inputs are also available on the rear of the module / cabinet.

RACK WITH FILTERED POWER STAGE

- **CH902 - SB** : This 28TE - 3U frame format and can house 2 modules.

There is a choice of power supply :

- Mains (85 - 265 VAC)
- Battery (9 - 18 VDC)

Inputs / outputs and serial line to program the modules are mounted on the rear panel.

CH902-SB :
with 2 FUR-N modules



- **CH904 - SB** : This 63TE - 3U format and can house 4 modules. It has the same specification as the CH902 - SB.

- **CH908 - SB** : This 19" frame can house 8 modules. It is only mains powered, the Inputs / outputs and serial line to program the modules are mounted on the rear panel

SPECIFICATIONS

INPUTS :

- In / out isolation : 1500 VRMS
- Type : Sensor : (60-2 or 60) inductive
Encoder : 1 to 3600 pulses / rev
- Sensibility : >50 mV peak to peak

- Level : 0 - 10V, 16 bits
- Response time : <10µs

OUTPUTS :

- Low : 2 rpm
- High : Max. Freq. : 300 kHz

LIMITS :

- ± 5V ± 5% : Consumption : 250 mA max.
- ± 15 V ± 5% : Consumption : 120 mA max.

POWER SUPPLY :

Revolution limits 5000 rpm with 3600 tops

ORDERING INFORMATION

XXX-X	X-XXX	X	XX
	Function	Input Type	Communication Dimension
FUR-N	C : Magnet pick-up	5V power supply 12V power supply	A : RS232 M : Module C : Board S : RS 485 S2 : Module for mains supply. B2 : Module for battery supply.
	T : Encoder	20mA power supply	M : Module C : Board S2 : Module for mains supply. B2 : Module for battery supply.