

Engine speed control

Measurement at every pulse

Missing teeth capabilities

Clock/ anticlockwise detection

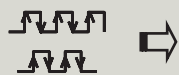
The instantaneous tachometer FUR-I is mounted in a DIN rail housing

It is designed to be used with a 2 channels incremental encoder to make cyclic measurements

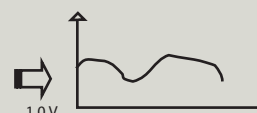
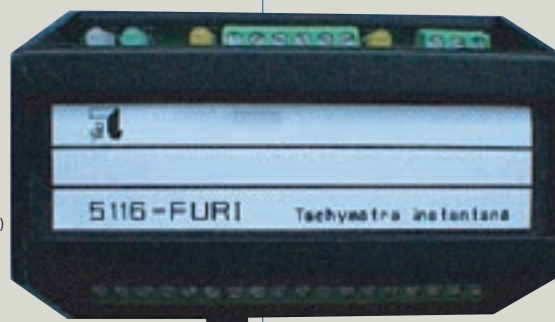
The converter is able to cope with 1 or 2 missing teeth / pulses. For Example a 60-2 cogwheel

The user selects by switches the number of teeth per revolution maximum speed and the type of Input signal

Two speed trip relays are provided for alarm or control purposes

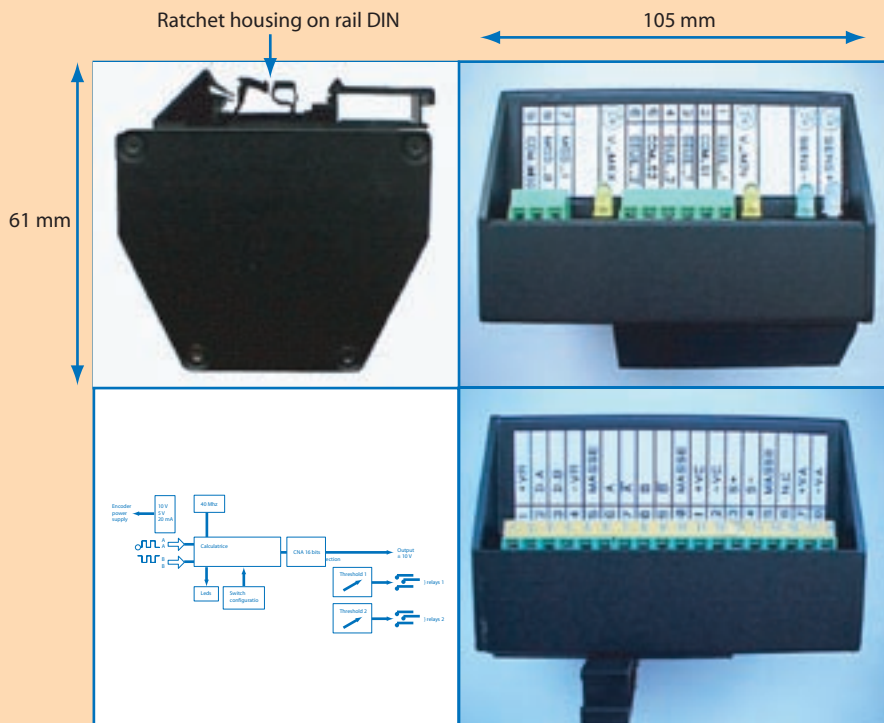


Codeur incrémental
ou capteur (option)



Mesure de vitesse effectuée
chaque front du codeur

DIAGRAM



SPECIFICATIONS

CHARACTERISTICS

- Dimensions (L x H x W) 76 x 61 x 105 mm
- Weight 0.400 kg
- Temperature of use -20 °C to +50 °C

INPUTS

- Number 2 (A and B channels)
- Type Differential or reference
- Impedance 1 k Ω
- Over voltage protector Yes, transitory
- Supply for sensor 5V, 12V, 20 mA

POWER SUPPLY

- Voltage +18V to +36V
- Current 250 mA max. (24V)

OUTPUTS

- Speed
- Number 1. DC
- Level ± 10V
- Impedance 25 Ω
- Short-circuit protecting Yes
- Over voltage protector Yes, transitory
- Copy of encoder input
- Number 1
- Level +VR (max. 18V)
- Type Opto-isolated
- Digital
- Number 2 electromechanical relays
- Breaking capacity 10VA
- Response time : <4 μs

ORDERING INFORMATION

XXX-X	X-XXX
Foncut Type	Input Type
FUR-I	V05 : Alimentation 5V V12 : Alimentation 12V I20 : Alimentation 20mA

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.