

DF12

Frequency divider

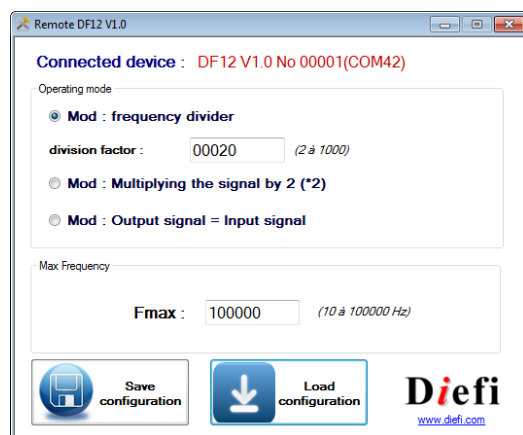
Fiche 0.1



Caractéristiques Générales

- Dividing range from 2 up to 1000.
- Input frequency max: 100KHz.
- Input level: TTL or CMOS.
- Galvanic isolation
- TTL output.
- Also able to multiply the input frequency by 2.
- Can be configured by USB via an user friendly software.
- An alarm on frequency can be setup
- Runs from a DC power supply from 8V up 40V.
- Very low power consumption (<1W).
- Can run on USB only.
- Rail DIN

Description



The DF12 is a frequency divider able to decrease frequencies from counter, flow meter or other pulse sources.... It should be used for slow system or limited frequency system to acquire signals. DF12 is fully configured by software. 3 configuration mods are available:

- Frequency divider mod with factor division configuration between 2 and 1000.
- Multiplication mod: Multiplying the signal by 2.
- Input signal = Output signal (galvanic isolation).

Electrical characteristics

Input :	Digital signal ranging from 0V-. 50V/200mA open collector.
Outputs:	TTL output. 50V/200mA max open collector. Frequency max: 100 KHz
Power supply :	Typically from 8V DC up to 40V DC 1 Watt maximum or USB

Caractéristiques mécaniques

Taille :	100*22*75mm.
Poids :	88gr.

Diefi

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