

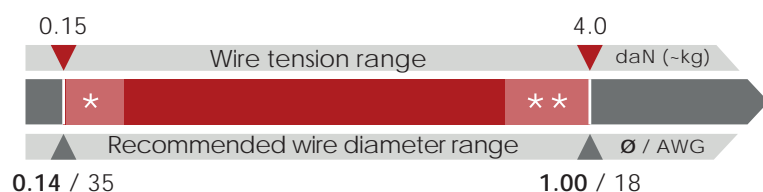
- Compact & innovative design
- EMP brake inside
  - ▶ high performances
  - ▶ suitable for severe working conditions
  - ▶ long lifetime
- Options remote control
  - ▶ external 0-to-10 V
  - ▶ ext. tension release

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## Electrical Tensioner

# EL4000

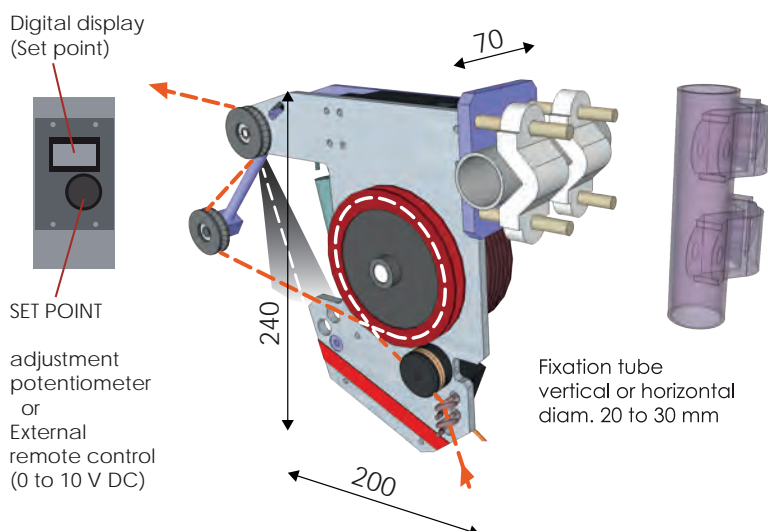
### Working range



\* Exact wire tension not guaranteed at full speed (unwanted residual forces might apply along the wire path)

\*\* Reduced speed range (max dissipated power zone)

### Description



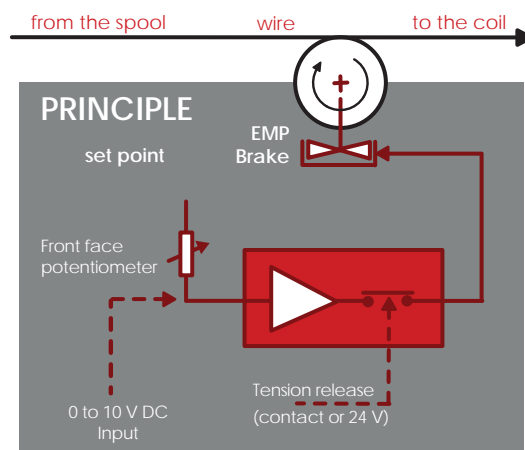
### Features

- ▶ Oversized EMP brake ensuring both the highest performance and a very long lifetime.
- ▶ Adjustable spring giving a direct feedback of actual wire tension through the dynamometric arm position (aligned to the tensioner's frame).

### Principle

The wire tension is directly given by the EMP brake's torque, which is controlled in open loop by a potentiometer or an external 0 to 10 V input voltage.

During the rest periods of the working cycles, a residual tension is applied to the wire by the dynamometric arm.



Power supply : 24 v DC  
Max current consumption : 0.8 Amp

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