

TENSOREX SENSE C+

A TENSIONING SYSTEM WITH A DIFFERENCE



TENSIONING INNOVATION

IN FAVOUR OF MOSDORFER RAIL

RAILWAY

Tensorex Sense C+ engineered to make maintenance monitoring easy.



About Tensorex Sense C+



The Tensorex Sense is an innovation which transforms the existing Tensorex C+ into a 'digital intelligent' tensioning unit. The Tensorex Sense can be retrofitted to any Tensorex C+ model to create a smart tensioning device. This allows status reporting and condition monitor from a smart device, creating a truly maintenance free asset.

How it works



Figure 1: Tensorex Sense Solar Power Sensor

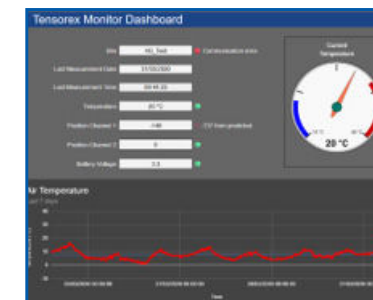


Figure 2: Tensorex Sense Cloud Based Dashboard

Tensorex Sense consists of a solar supported control box and a rotational and temperature sensor which is fitted to the Tensorex C+ (refer to figure 1). These are the Tensorex Sense elements. Once installed and calibrated the Tensorex Sense transmits signals to a cloud-based dashboard (refer to figure 2) which can display the devices position with respect to temperature. Therefore, inspection and status functionality can be monitored from any smart device.

Furthermore, and the biggest advantage of this development is that it has a preventative maintenance function in that user defined alerts can be set which will notify the user when specific user defined limits are reached, creating enhanced reliability and safety.

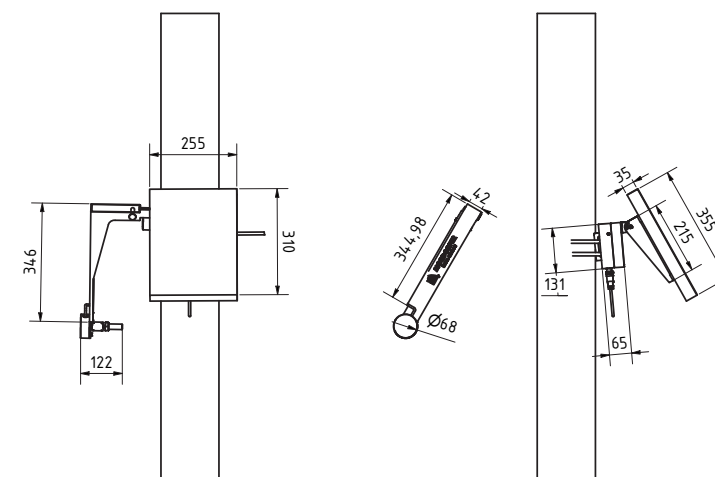
Benefits

- Increased environmental resilience
- Site based maintenance
- Preventative maintenance function
- Increased reliability
- Increase safety

Additional Elements

- Tension measurement
- Cameras

Please contact us for more information:
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Front view (Dimension MM (NTS))

Side view (Dimension MM (NTS))

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