

In this edition:

SMGZ Series: Pillow Block Load Cells - Precision under Extreme Conditions

EMGZ321: Measuring Amplifier with Separate Left/Right Tension Processing



Dear Customer,

At this time we can offer you a solution for tension monitoring of material bands in severe environmental conditions. Our high quality tension measuring equipment provides very accurate tension data even if exposed to the difficult operating environment of cooling water, rolling oil, high temperature, or humidity.

SMGZ Series: Pillow Block Load Cells - Precision under Extreme Conditions

Load cell and pillow block together are combined to form the measuring point... an arrangement that allows for easy mounting and fast bearing / roller change.

A wide range of mechanical sizes provides a high degree of design flexibility. Altogether a tension range from 2 - 100kN (450 - 22500 lbs) can be covered. The load cells incorporate a mechanical hard-stop overload system for protection rated at 10 times the nominal force. The force measuring range is 20:1. By design the load cells are constructed of Stainless Steel for exceptional durability and reliability.

The SMGZ Series has a protection rating of IP67.

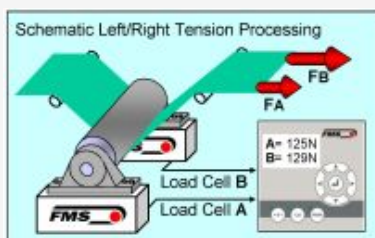
www.fms-technology.com/en/smgz-force-measuring-bearing-block.php



EMGZ321: Measuring Amplifier with Separate Left/Right Tension Processing

This cutting edge electronic product is designed as a two channel tension amplifier and features the capability to independently monitor the left and right tension values in addition to the total. This enables the control of tension distribution over the entire roller span.

A Tension Monitoring System comprised of the SMGZ Load Cells and the EMGZ321 Amplifier can be used in virtually any process, but typically it is utilized in aluminium rolling mills, stretch-and-roller lines, slitters, or levellers for all types of metal strips.



FMS continues the tradition of developing system solutions combining innovation and low total costs of ownership. Application competence and FMS tension measuring products provide real benefits in your steel and non-ferrous metals production.

www.fms-technology.com/en/emgz321-double-channel-amplifier.php

Imprint

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