



Product News

Minebea Intec: Analogue and Digital - new and upgraded Load Cell for Dosing and Weighing

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Hamburg, Germany -

Better, more Precise, more Resistant



The new load cell Inteco is a digital solution that provides a higher transparency in the dosing and weighing process.

In developing the new load cell Inteco, Minebea Intec has made the most of the opportunity for optimisation. The analogue output signal of 2 mV/V ensures flexibility when selecting weighing electronics. Higher load levels of up to 75 t are also now available. This allows even the heaviest silos and containers to be weighed safely and ensures a more economic weighing solution, for example with three load cells instead of four. The expanded accuracy classes and the increased precision are documented by C6 approval. The more exacting customer requirements were also taken into account when selecting the materials. A new type of stainless steel makes the load cell Inteco even more resistant to corrosion than its predecessor, the PR 6201, and also prolongs the service life in challenging environments, such as the chemical industry.

Staying true to the Dimensions of the Load Cell PR 6201

Even with all the upgraded features, the load cell Inteco remains faithful to the traditional aspects of the tried-and-tested global best-seller, the PR 6201. As part of this, the dimensions of the load cell have remained the same so that the older version can be easily replaced. 'Change is not always the best option. In line with our focus on the customer, all technical parameters of the load cell PR 6201 have been retained, meaning that new mounting kits and fixed bearings are not necessary when upgrading to the Inteco,' says Holger Nichelmann, Global Product Manager at Minebea Intec. 'This way, we can ensure a smooth and economic upgrade for our customers, in the long term too.'

Analogue or Digital? This Load Cell can do both

Upgrading the load cell to a digital solution gives users a clear advantage. For example, fitted with the converter Connexx, the Inteco can be installed easily and economically without the need for a cable junction box. Fast signalling times ensure reliable, precise dosing processes and optimal transparency. Weight values can also be generated individually – per load cell – meaning that defective load cells can easily be identified and replaced. The standard interface CANopen ensures straightforward commissioning and calibration via PC. It is also possible to use cables up to 200 m in length.