The series SW-D-FS-EX Weigh Cells cover a weighing range up to 2,000 g. They have been specifically designed as a compact sensor component and are especially suited for installation in multilane applications or anywhere that small sizes are in demand. Due to the special design, the Weigh Cells are also suited for use in areas at risk of explosion.

They comply with the type of protection II 3 G Ex nA IIB T4 and II 3 D Ex tD IP54 100 °C and can be used in zone 2 (gas) and zone 22 in environments with non-conductive dust. The docking station enables easy replacement of the Weigh Cell for cleaning or servicing purposes.

System-induced active self-damping guarantees the shortest possible measuring times while maintaining the highest resolution.

As a ready-for-connection installation component, the Weigh Cell already supplies final weight values via a CAN interface as standard. The integrated software filters can be configured in many ways and thus allow optimal adaptation of the weighing system to the relevant local conditions. The Weigh Cells extensive command set enables easy control engineering integration. Supplemented with a large number of options, the Weigh Cells can also meet very specific requirements.

You need an individual solution?
Please contact us.

/ TO BE USED IN
- Filling machines
- Packaging machines
- Checkweighers (for different branches like food, pharmaceuticals, chemical and cosmetics)

/ FEATURES
- Weighing range up to 2,000 g, covered by 5 models
- Additive dead load range up to 2,000 g
- Docking station
- Slim construction
- Multilane applications starting from 72 mm centerline distance
- Binary I/O channels with customer-specific functions
- Interface 1: CAN, RS 422
- Interface 2: RS 232 for service and configuration
- Sampling rate 1 ms√
With the optional CFI (CAN-Fieldbus-Interface) it is possible to connect to a variety of industrial fieldbus systems.

Please see specifications on our website.
All measurements in mm  Subject to technical modifications