Module designed for special tasks
Simple integration into a production line
Fast and precise measurement

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Weighing Modules

SERIES OF PROFESSIONAL
ELECTROMAGNETIC MODULES

Weighing modules

Series of professional electromagnetic modules

Vast Max Capacity Range
Electromagnetic weighing modules are intended for mas measurement ranging from 2g to 35kg. Minimum readability of 0,01g guarantees amazing accuracy for your measurement.

Ease of Installation
Compact dimensions and ergonomic installation handles enable easy and fast integration of the module into a production line. Innovative internal design allows control of automation systems installed directly on a weighing pan. Applied solution, i.e. system transferring electric signal to the weighing platform, eliminates necessity to feed external cables disturbing the weighing process.

Fast and Precise Measurement
High measurement accuracy with sd=1d* guarantees both readout of real weighing results and repeatability of indications. Cutting-edge design solutions provide fast measurement which is an asset allowing to install the module on automated production lines. Intended for fast and dynamic measuring processes the weighing module's converter throughput is 3200 meas./s **.

Internal Auto-Adjustment
A built-in system of automatic internal adjustment guarantees correct weighing results even for the highest readability. Adjustment is carried out within specified time intervals or with reference to a schedule, it can also be triggered by temperature change. Option of adjustment time setup enables adapting adjustment processes to production line schedule.

Protection Against Challenging Conditions
Hermetic versions of modules feature stainless steel housing with IP65 and IP69K. This allows operation even in the most challenging conditions. Mechanical design lacks sharp edges and gaps which ensures adherence to HACCP, GMP and FDA standards for safety and quality of operation.

Cooperation with terminals
Connecting the module to a multifunctional weighing terminal expands communication interfaces range and increases usage in industrial applications.

* repeatability is expressed as standard deviation from 10 weighing cycles

	MWSH	MWMH	MWLH
Maximum capacity [Max]	6 kg	1 kg - 10 kg	10 kg - 35 kg
Readability [d]	0,01 g	0,01 g - 0,1 g	0,01 g - 0,1 g
Verification unit [e]	-	0,1 - 1 g	-
Preload	Up to 10% of Max capacity	0 - 15 kg	Up to 10% of Max capacity
Weighing pan dimensions (mounting plate)	100×100 mm	212 × 174 mm	212 × 174 mm
IP rating	IP65	IP65/69K	IP65/69K
Adjustment	Internal (automatic)	External	External, Internal (automatic)**
Communication interfaces	RS 232, Ethernet (TCP IP, UDP), digital 3×IN and 2×OUT		
Optional communication interfaces	Profibus or RS 485, digital 2×IN and 2×OUT		
Communication protocols	Radwag, text ASCII, Modbus		

**option