



weighing terminal HTF20M

small | compact | robust

Advantages

- Determines weight very precisely and can be calibrated
- Compact design
- Flexible data connection
- Modular structure
- Insensitive to vibration
- Data memory proof against power failure

The High Precision System

The HTF20M weighing module is intended for the very precise measurement of weight. It serves as the connecting element between all strain gage weighbridges or weighing cells (e.g. in silos, containers or platforms) and the control of or to act as your system's central control unit (PLC, Siemens S7 or PCS7*). It communicates via Ethernet/Modbus TCP, ProfiNet, Profibus DP or serial interfaces. The weight that the scale measures and its status information are transmitted continuously.

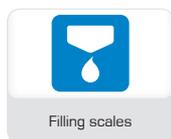
Functions to control dispensing are already integrated into the unit. Its integrated display and keyboard enable weight to be checked as well as the calibration of scales on site, without any other tools. The time needed to commission is reduced

by its easy installation on a top hat rail, using push-fit terminals as well as its calibration controlled by plain text messages, with or without weights.

Characteristics

- As a housing with a display or as a control unit with a black box
- Up to 120 000 weighing operations possible in the internal weight memory, which can be calibrated
- Power supply 12–30 VDC, power consumption max. 17 W
- Operating temperature: -10 to +40°C at 95% rel. humidity
- Protection category: IP69K Front control unit, IP20 black box. IP20 housing with display

	Serial interfaces			Digital /analog interfaces			Field bus			Ethernet	
	RS 232	RS 485.4	20 mA	max. 10 opto-isolated digital inputs/outputs	2 channel pulse counter	15 bit analog input and output 0/4-20 mA 0/2-10 V	ProfiNet	ModBus TCP	Profibus DP	Ethernet/IP	USB 2.0
PLC	■	■	■	■	■	■	■	■	■	■	
PC/network	■	■								■	■



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We reserve the right to make changes.