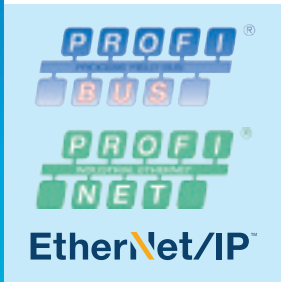


Process More, Faster Without Sacrificing Accuracy



Speed

The ACT350 provides an exceptional 600 Hertz update rate to a PLC. It is ideal for fast filling and sorting applications.



Connectivity

The ACT350 supports easy connectivity to most common fieldbuses with comprehensive description files.



ACT350 Weight Transmitter

The ACT350 analog weight transmitter delivers precision measurement at an exceptional speed.

Transmitter features include:

- 600Hz PLC update rate at full accuracy
- Efficient configurable FIR filter
- PROFIBUS® DP, PROFINET® IO, EtherNet/IP
- Keypad and OLED display
- Compact housing
- OIML 6000e, NTEP 10'000d (in preparation)
- RS232 service interface
- 12-30 VDC operation
- CalFree™ weightless calibration



Compact Housing

The small DIN-rail housing saves valuable cabinet space. Keys and display allow setup and control directly at the unit.



Installation

Installation is supported by PC setup software via a RS232 service interface allowing for saving, restoring and cloning settings.

ACT350 Weight Transmitter

Parameter	Unit of measure	ACT350
Housing	Enclosure Type	DIN-Rail mount, plastic, with setup and monitoring interface
	W x H x D	mm (in)
	Shipping Weight	kg (lb)
	Environmental protection	IP20, Type 1
	Legal for Trade	°C / °F
	Operation	°C / °F
Measuring Rate	Analog/Digital update rate	Hz
	Digital Filtering	FIR low pass filter, corner frequency adjustable 1-20 Hz
Connectivity	Fieldbus interface	PROFIBUS® DP, PROFINET® IO, EtherNet/IP
	Ethernet Switch	External
	Protocol	Cyclic PLC update - SAI - Standard Automation Interface incl. Clear, Tare, Zero Acyclic ASCII commands for setup
	Service interface	RS232
Power Requirement	VDC / mA	12-30; nominal 24 / 0.22
Scale	Scale type	Analog load cells, mV/V
	Number of load cells	up to 8x 350Ω or 20x 1'000Ω; 1-3 mV/V
	Number of scales	1
	Number of scale ranges	1
	Load cell excitation voltage	VDC
	µV Build Minimum/Approved	microvolts
Display	Calibration Type	Zero/Span with Linearization up to 5 points; Step; CalFree
	Type	Green OLED incl. weight display, weight units, gross/net indication and graphic symbols for motion, center of zero. 10 updates/sec
	Character height	mm (in)
	Status LEDs	Scale (SCL), Power (PWR), Network (NW), Device (DEV)
Keypad	Weight Display	Maximum displayed resolution 100,000 divisions
		4 keys (Up, Down, Left, Enter); 0.9 mm thick polyester overlay (PET) with 0.178mm thick polycarbonate display lens
Approvals	Weights and Measures ¹⁾	Europe: OIML Class III, 6,000e R76/2006-NL1-09.26 USA: Class III - n max. 10000; AM-5744
	Hazardous	ATEX /IECEX FM
	Product Safety ²⁾	UL, cUL, CE
Digital Input/Output	Software Comparators	5x Output
	Physical	n/a

¹⁾ in preparation

²⁾ Only use recommended 12-24 VDC power supply approved as NEC Class 2 or rated as Limited Power per IEC60950-1

Order Information ACT350

Order Information ACT350	Item No.
PROFIBUS DP	30076688
PROFINET IO	tbid
EtherNet/IP	tbid
Spare Connector Kit	30232356

Suitable NEC Class 2 / IEC Limited Power Supply	Item No.
In 100-240VAC, Out 24VDC 2.5A for up to 5x ACT350	64090848



Europe

Mettler Toledo AG
Im Langacher 44
8606 Greifensee
Switzerland
Tel. (41) 449 442 211

USA

Mettler-Toledo, LLC
1900 Polaris Parkway
Columbus, OH, 43240
Tel. (1) 800 523 5123

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www.mt.com

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