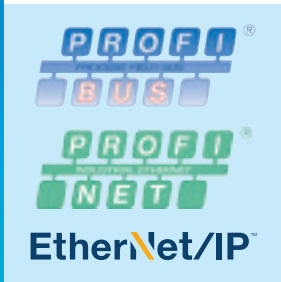


## Process More, Faster Without Sacrificing Accuracy



### 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 <sup>1)</sup>	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 <sup>2)</sup>	UL, cUL, CE
Digital Input/Output	Software Comparators	5x Output
	Physical	n/a

<sup>1)</sup> in preparation

<sup>2)</sup> 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	30076689
EtherNet/IP	30076690
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



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