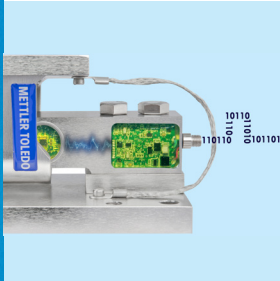


## Predictive Diagnostics

### Protect Your Process from Downtime



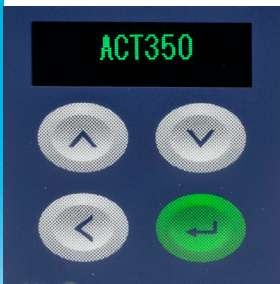
#### POWERCELL® Digital Load Cell Connection

By easily connecting to POWERCELL® load cells and weigh modules, it offers predictive diagnostics for individual load cells and warns before a potential issue or malfunction occurs. A junction box is not required, facilitating easy installation and high accuracy.



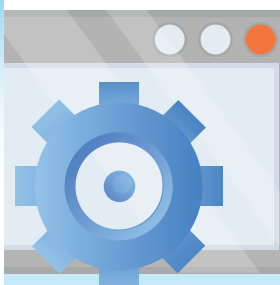
#### Fast PLC Integration

The ACT350 POWERCELL supports fast PLC connectivity via the most common industrial networks. Dual Ethernet ports support daisy-chain and ring topologies.



#### Onboard Display and Keypad

The local display and keypad provide easy setup and diagnostics directly at the unit. Transmitter status and weight value are easy to check independent of other devices. In addition, the compact DIN-rail housing saves valuable cabinet space.



#### Convenient Webserver Configuration

The ACT350 POWERCELL includes a web server, allowing for setup and control via Ethernet remotely from any network location in the facility.



#### ACT350 POWERCELL Weight Transmitter

The ACT350 POWERCELL weight transmitter delivers precise measurement and monitoring of individual load cells. Transmitter features include:

- Predictive diagnostics for each individual load cell
- CalFREE™ Plus automated weightless calibration
- RunFlat – Production continuity in case of load cell failure
- TraxDSP™ configurable vibration filtering
- PROFINET® IO, EtherNet/IP™, PROFIBUS® DP network connectivity
- OLED display and keypad
- Compact housing
- OIML and NTEP approvals
- Service interface
- 24 VDC operation

# ACT350 POWERCELL Weight Transmitter

Parameter	Units of Measure	ACT350 POWERCELL
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
	Storage	°C / °F
Measuring Rate	Analog/Digital update rate	Hz
	Digital Filtering	Hz
Connectivity	Fieldbus interface	PROFINET®, EtherNet IP, PROFIBUS® DP
	Ethernet Switch	On board for PROFINET® IO, EtherNet/IP
	Protocol	SAI - Standard Automation Interface - with both Cyclic and Acyclic Command and Data reporting capability.
	Service interface	RS232, EtherNet TCP/IP (Webserver)
<b>Power Requirement</b>	VDC / mA	24 VDC/2500 mA with 14 POWERCELL load cells <sup>1)</sup>
Scale	Scale type	POWERCELL-based or PowerMount
	Number of load cells	up to 14 POWERCELL load cells
	Number of scales	1
	Number of scale ranges	1
	Load cell excitation voltage	VDC
	Calibration Type	Zero/Span with Linearization up to 5 points; Step; CalFreePlus
Display	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)
	LED Status	Scale (SCL), Power (PWR), Network (NW), Device (DEV)
	Weight Display	Maximum displayed resolution 100,000 divisions
Keypad		4 keys (Up, Down, Left, Enter); 0.9 mm thick polyester overlay (PET) with 0.178mm thick polycarbonate display lens
Approvals	Weights and Measure	Europe: OIML Class III TC8790 T1 1060 USA: Class III/IIIL n max. 10000 CC No. 16-036A1 Canada: Class III/IIID nmax 10000/20000 AM-6023
	Hazardous	n/a
	Product Safety	UL, cUL, CE
Digital Input/Output	Software Comparators	5 Software Comparators
	Physical	3x IN, 5x Out Input High Voltage Range: 10~24 VDC; Input Low Voltage Range: 0~ 5 VDC;

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

Order Information ACT350 POWERCELL	ACT350 POWERCELL Item No.
PROFIBUS DP	30278660
PROFINET IO	30278661
EtherNet/IP	30278662
<b>Accessories</b>	<b>Item No.</b>
Spare Connector Kit	30423982
<b>Suitable Power Supply</b>	<b>Item No.</b>
In 100-240VAC, Out 24VDC 2.5A for up to 5x ACT350	64090848



**METTLER TOLEDO Group**  
Industrial Division  
Local contact: [www.mt.com/contacts](http://www.mt.com/contacts)

[www.mt.com](http://www.mt.com)

For more information

Subject to technical changes  
©02/2018 METTLER TOLEDO. All rights reserved  
Document No. 30423660  
MarCom Industrial