

# Flexible *TSX Momentum weighing module* weighing solutions



Schneider Electric's new Momentum ISP weighing module brings unrivaled flexibility to weighing applications. As today's weighing and control systems become more and more closely linked, Schneider Electric offers an integrated solution which can operate as a stand alone device, in association with an integral control processor, or as a remote drop from a larger control system. Schneider's weighing systems are PLCs that connect directly to the load cells. This

unprecedented flexibility means one product can serve all of your weighing needs, with an easy upgrade solution should the need arise. With more than 20,000 weighing modules installed world wide, you can be assured that the products and application expertise of Schneider Electric will provide a solution that's right for your needs.

The Momentum Weighing Module replaces the traditional digitizer. In the past, customers with PLC systems experienced

interface complexities when required to use scale weights in their PLC's logic. The new Momentum Weighing Module is a unique solution, because it integrates full Scale Digitizer functionality with PLCs, seamlessly.


The Weighing Module data is on the PIC, and therefore, global to all PLCs and HMIs. With this unique system, the user now has access to the weighing system via all devices on the network.

**Merlin Gerin**

**Modicon**

**Square D**

**Telemecanique**

**Schneider**  
 **Electric**



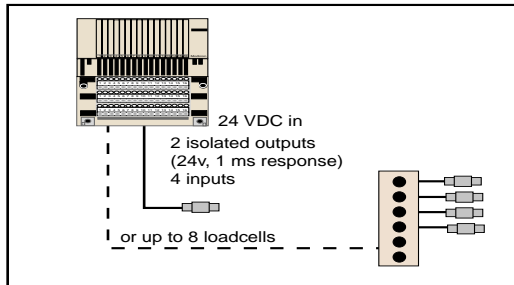
ISP MOM Programming Tool

## TSX Momentum ISP Weighing Module... Flexible weighing solutions

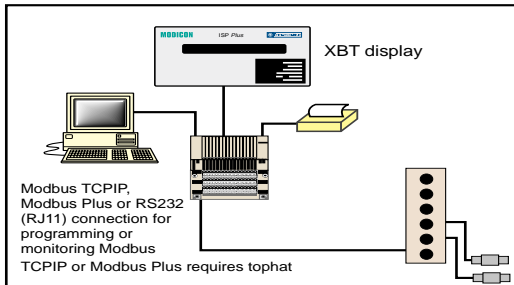
- Can function as a stand-alone device. A PLC, its software and programming is no longer required. Add one later if required.
- Any standard Momentum field bus adapter (Modbus Plus, Interbus, I/O Bus, Modbus TCP/IP) and any MI processor.
- 32 registers information available to any software packages for direct access to the weighing process.
- Easy configuration software.
- New Concept Weighing library available!
- Run time monitoring of the weighing applications from one point.

## Specifications

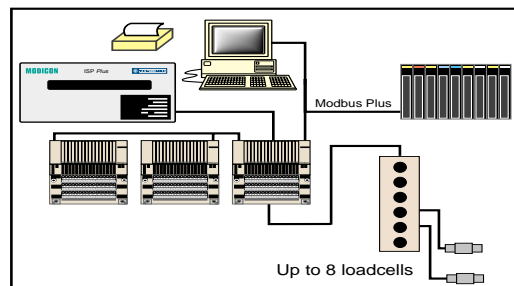
Operating Temperature	Minimum -10 degrees Celsius, Maximum +40 gdegrees Celsius
Humidity	Minimum 10%, Maximum 95%
Power Supply	Minimum +18 VDC, Maximum 30 VDC, 0.7 A
Firmware Data Storage	Flash EEPROM
Indicators	Betriebs - LED/Systemstatus - LED/ LED des direkten Aus - & Eingangs



Stand-alone or with CPU tophat.



Stand alone with peripherals.



Integrated in a Quantum system.

## Ordering information

Product No.	Product Description & Requirements
170 ISP 00 100	One load cell interface, up to 8 load cells, 350 ohms - 5 VDC excitation two outputs 24V, one ms response Four inputs (tare, reset tare, zero and print) One serial port for interfacing with 373 SPUISP 01 software One serial printer port and one RS 485 port for interfacing with the XBT display (no programming required).
170 ISP 00 200	170 ISP 00 100 TSX XBT 200 Magelis display 2 m cable 170 MCXBT 200; TSX XBT display to the Momentum.
TSX XBT 200	Magelis display allowing view of two lines of text.
373SPUIISP01	One license of the user-friendly software interface.
373SPUIISP05	One site license of the user-friendly software interface.
170MCXBT200	2m cables for the Momentum to TSX XBT connection.
170MCSER200	2m cables for the Momentum-PC connection.
SF3-PY32003	3m cables for the Momentum-Junction Box connection.

## Discount Schedule PC40

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