Product data sheet

Specifications



Discontinued - Service only

ISP Plus weighing module - 50 measurements per second - 10 V DC

TSXISPY101

Discontinued on: 02 December 2020

To be end-of-service on: 31 December 2026

Product availability : Non-Stock - Not normally stocked in distribution facility

Main

Range of product	Modicon Premium Automation platform
Product or Component Type	ISP Plus weighing module

Complementary

Number of measurement input	1
Resolution	1048576 points
Analogue input resolution	20 bits
Measuring rate	50 measurements per second
Input impedance	> 1 MOhm
Input compatibility	Load cell 1…8 350 Ohm yes <984.25 ft (300 m)
Sensor power supply	10 V DC
Output compatibility	Discrete reflex 2 positive
Discrete output voltage	24 V DC
Discrete output current	500 mA
Response time on output	1 ms
Transmission rate	9.6 kbit/s RS485 non isolated <= 30 m discrete reflex weight indicator
Voltage division	1 µV
Electrical connection	1 connector screw terminal block for connecting 2 discrete reflex 1 female connector SUB-D 15 for the indicator input 1 female connector SUB-D 9 for RS485 serial link to the weight indicator
Marking	CE
Current consumption	145 mA 24 V rack 150 mA 5 V DC
Module format	Standard
Net Weight	0.93 lb(US) (0.42 kg)

Environment

Ambient air temperature for operation	32…140 °F (0…60 °C)

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Ambient Air Temperature for Storage	-13…158 °F (-25…70 °C)
Relative Humidity	10…95 % without condensation for operation 5…95 % without condensation for storage
Operating altitude	0...6561.68 ft (0...2000 m)
Product Certifications	SDM No 97.06

Ordering and shipping details

Category	22558 - TSX PREMIUM, ATRIUM & PL7 PRO
Discount Schedule	PC22
GTIN	3595862046909
Nbr. of units in pkg.	1
Package weight(Lbs)	17.35 oz (492 g)
Returnability	No
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Package 1 Height	2.17 in (5.5 cm)
Package 1 width	7.09 in (18 cm)
Package 1 Length	10.24 in (26 cm)

Offer Sustainability

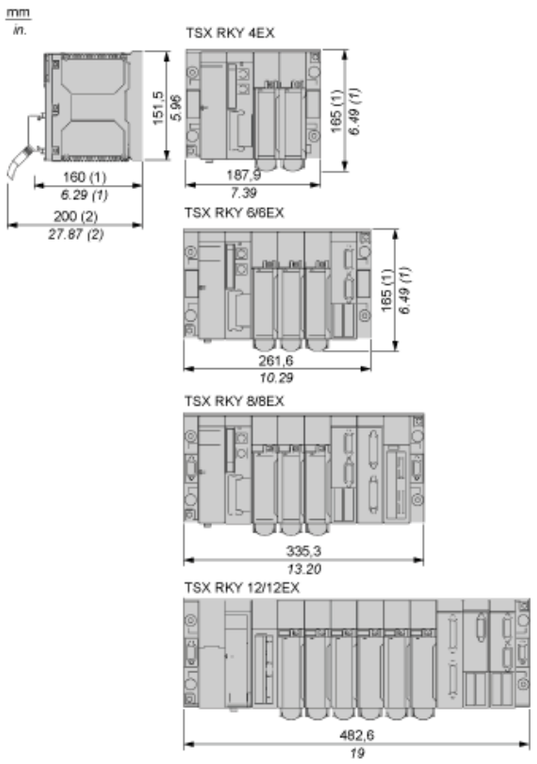
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds which is known to the State of California to cause cancer and birth defects or other reproductive harm.For more information go to www.p65warnings.ca.gov

Contractual warranty

Warranty	18 months

Standard and Extendable Racks for Modules Mounting

Dimensions of Modules and Racks



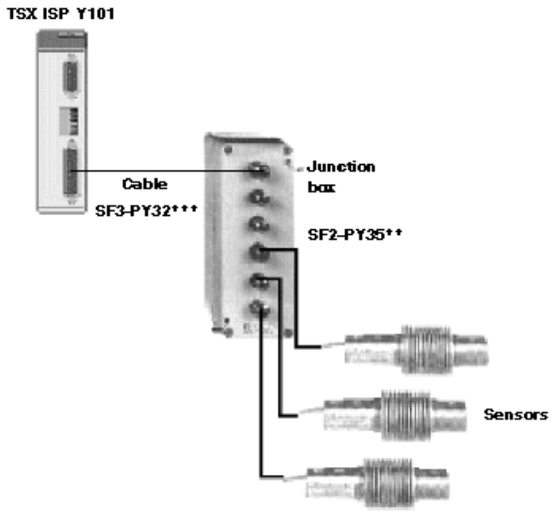
(**1**) With screw terminal block modules.

(**2**) Maximum depth for all types of modules and their associated connectors.

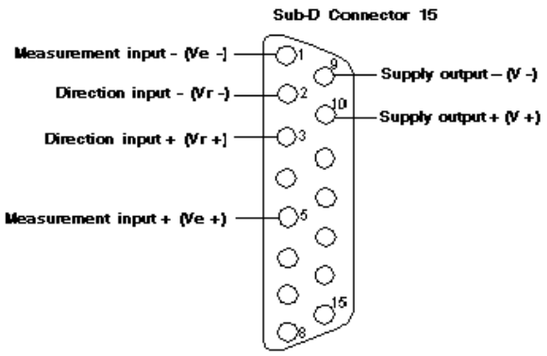
Connecting the Measurement Sensors

Cabling Accessories

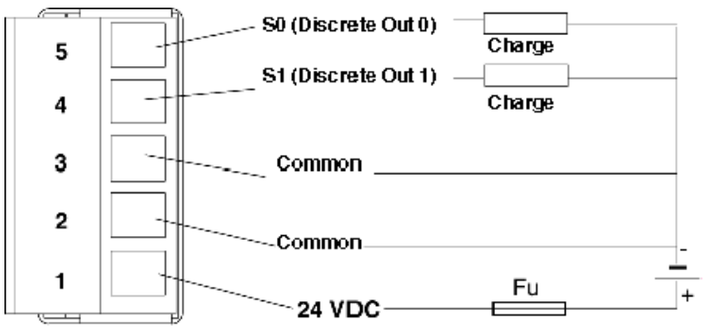
The measurement sensors are connected to the module 15 pin female SUB-D connector.



15-pin SUB-D Connector Pinout



Connection to Discrete Outputs of the Weighing Module



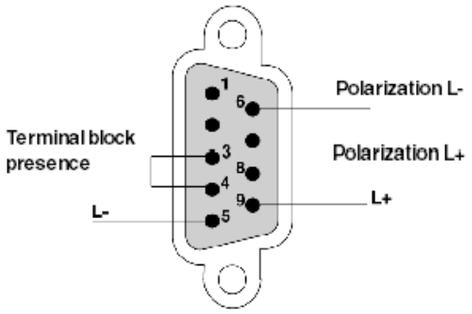
Fu Fast-acting fuse

The common 2 and 3 are linked by the card.

Serial Link for the Display Panel

Module Connector Pinout

The RS 485 serial link is used to carry over the weight to an external display panel.



The line on the module side is polarized using straps 6-5 and 8-9.

Recommended replacement(s)

TSXISPY101 is replaced by:

1x 

Partner Module Ethernet System Weighing Transmitter - 1 channel

PMESWT0100