



## Commercial status

End of Commercialisation :

⚠ End of Commercialisation

## 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 <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 MV
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 at 24 V rack 150 mA at 5 V DC
Module format	Standard
Net weight	0.42 Kg

## Environment

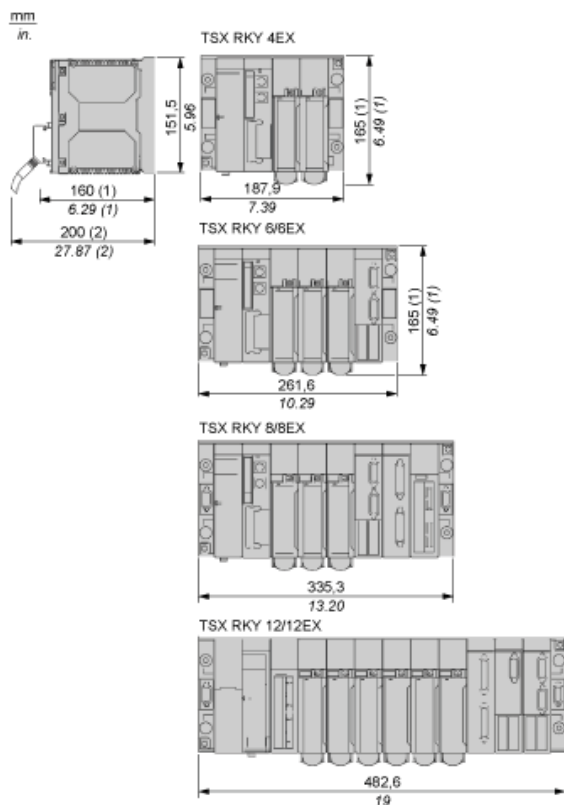
Ambient air temperature for operation	0...60 °C
Ambient air temperature for storage	-25...70 °C
Relative humidity	10...95 % without condensation for operation 5...95 % without condensation for storage
Operating altitude	0...2000 m
Product certifications	SDM No 97.06

## Contractual warranty

Warranty	18 months
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## Standard and Extendable Racks for Modules Mounting

### Dimensions of Modules and Racks



(1) With screw terminal block modules.

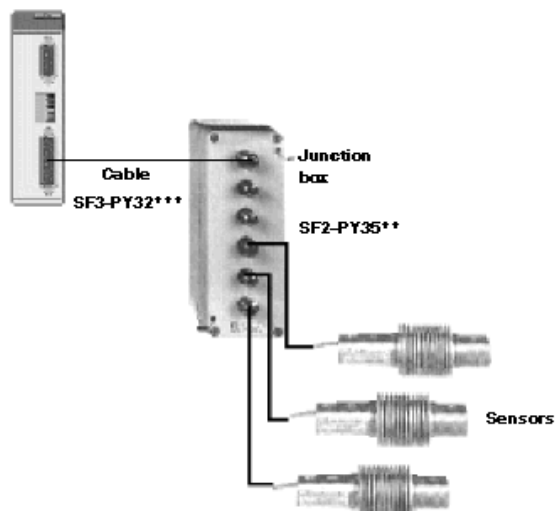
(2) Maximum depth for all types of modules and their associated connectors.

## Connecting the Measurement Sensors

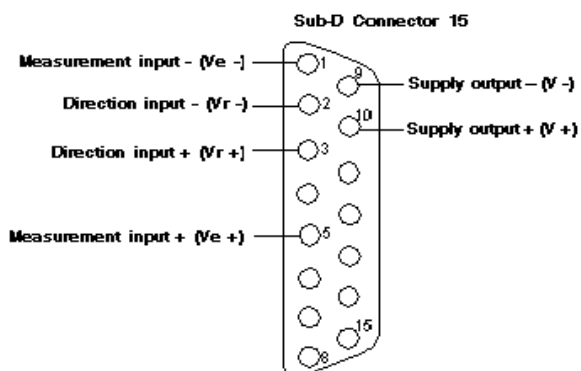
### Cabling Accessories

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

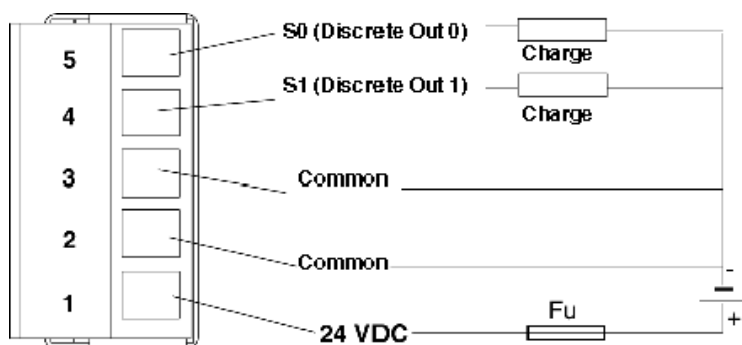
TSX ISP Y101



### 15-pin SUB-D Connector Pinout



### Connection to Discrete Outputs of the Weighing Module



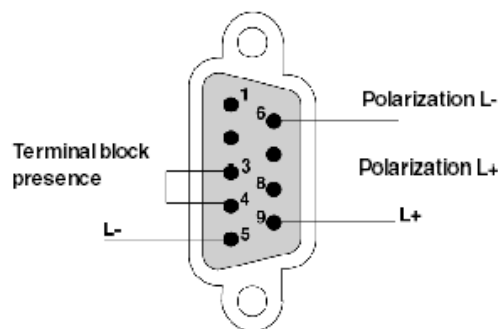
Fu Fast-acting fuse

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.

Product Life Status : **Post commercialisation**

TSXISPY101 may be replaced by any of the following products:



**PMESWT0100**  
Partner Module Ethernet System Weighing Transmitter - 1 channel  
Qty 1  
Reason for Substitution: End of life | Substitution date: 30 Jun 2018 |



**PMESWT0100**  
Partner Module Ethernet System Weighing Transmitter - 1 channel  
Qty 1  
Reason for Substitution: End of life | Substitution date: 31 Dec 2018 | Not same dimensions/design



**PMESWT0100**  
Partner Module Ethernet System Weighing Transmitter - 1 channel  
Qty 1  
Reason for Substitution: End of life | Substitution date: 31 Dec 2018 |