



## Commercial status

Discontinued on: 02 December 2020

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

ⓘ Restricted Sales for Services

## Main

Range of product	Modicon Premium Automation platform
Product or component type	Communication module
Software designation	Unity Pro
Structure type	Heterogeneous industrial bus

## Complementary

Product compatibility	Premium Atrium
Method of access	Master/slave type
Integrated connection type	1 serial link 1 SUB-D 25 1 slot for PCMCIA type III card
Communication port protocol	Multiprotocol
Communication port support	RS485 isolated
Mode of transmission	Asynchronous in baseband
Transmission frame	RTU/ASCII
Transmission rate	1.2...19.2 kbit/s
Transmission support medium	2 twisted shielded pairs cable
Number of devices	28
Number of addresses	0...97
Bus length	0.00...4265.09 ft (0...1300 m) Modbus
Maximum tap links length	49.21 ft (15 m)
Requests	120 words per request 1920 bits per request
Control parameter	One CRC 16 on each frame
Monitoring function	Event counters Diagnostic counters
Modbus functions available	Event connection Modbus master 0C Event connection Modbus slave 0C Event counter Modbus master 0B Event counter Modbus slave 0B Identification Modbus slave 11 Slave identification Modbus master 11 Write n output bits Modbus slave 0F Write n output words Modbus slave 10

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

Diagnostic Modbus master 08  
 Diagnostic Modbus slave 08  
 Exceptional read status Modbus master 07  
 Exceptional read status Modbus slave 07  
 Read input words Modbus master 04  
 Read n input words Modbus slave 04  
 Write 1 bits or n bits Modbus master 05  
 Write 1 input word Modbus slave 06  
 Write 1 output bit Modbus slave 05  
 Write 1 word or n word Modbus master 06

Local signalling	for communication (CH0) 1 LED for internal fault, module failure (ERR) 1 LED for module operating (RUN) 1 LED
Current consumption	350 mA 5 V DC
Module format	Standard
Net Weight	0.79 lb(US) (0.36 kg)

## Environment

Ambient air temperature for operation	32...140 °F (0...60 °C)
Ambient air temperature for storage	-13...158 °F (-25...70 °C)
Relative humidity	5...95 % without condensation
Operating altitude	<= 6561.68 ft (2000 m)

## Ordering and shipping details

Category	22558 - TSX PREMIUM, ATRIUM & PL7 PRO
Discount Schedule	PC22
GTIN	00785901306917
Nbr. of units in pkg.	1
Package weight(Lbs)	1.06 lb(US) (0.48 kg)
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 <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a>
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## Contractual warranty

Warranty	18 months
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TSXSCY21601 is replaced by:



## Standard environment BMXNOM0200

Serial link module with 2 RS-485/232 ports in Modbus and Character mode

Qty 1

Reason for Substitution: End of life | Substitution date: 31 December 2018

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