

TX HMI/PLC Series
Plug-In Module
RS485 Interface
TX-RS485

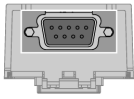


- Plug-in expansion module for use with HMIs of the TX500 and TX700 product series
- RS485 / RS422 interface
- Galvanically isolated
- 9-pin SUB-D female connector
- With plug-in expansion slot

Type designation		TX-RS485
Ident-No.		100002598
General data		
Operating ambient conditions	-20...60 °C, 5...85 % relative humidity, non-condensing	
Storage ambient conditions	-20...70 °C, 5...85 % rel. humidity, non-condensing	
Approvals	CE	
Protection class	IP20	
Dimensions		
Front (W x H x D)	41.2 x 90.3 x 23.8 mm	
Weight	approx. 0.16 kg	

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Connection and pin assignment



Serial Interface

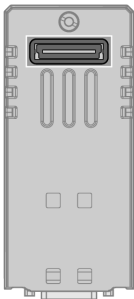
SUB-D female connector, 9-pin

Pin Assignment in RS485 Operating Mode

- 1 = GND
 2 = n.c.
 3 = RX/TX- (B)
 4 = n.c.
 5 = n.c.
 6 = +5 V 100 mA max.
 7 = n.c.
 8 = RX/TX- (B)
 9 = n.c.

Pin Assignment in RS422 Operating Mode

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- 1 = GND
 - 2 = n.c.
 - 3 = TX -
 - 4 = RX -
 - 5 = n.c.
 - 6 = +5 V output
 - 7 = RX +
 - 8 = TX +
 - 9 = n.c.



Port for Plug-in Module

The expansion slot can be used for another plug-in module. The possible module combinations are described in the manual for the base units.