

TX HMI/PLC Series

Plug-In Module

RS485 Interface

TX-RS485

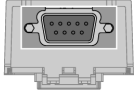


- Plug-in expansion module for use with HMIs of the TX500 and TX700 product series
- RS485 / RS422 interface
- Galvanically isolated
- 9-pin SUB-D female connector
- With plug-in expansion slot

Type	
Type	TX-RS485
ID	100002598
Supply	
System power supply	From the HMI
Electrical isolation	photoelectric
System data	
Fieldbus transmission rate	9.6 kbps ... 115.2 kbps
Fieldbus connection technology	1 × 9-pol D-SUB, Female connector
Electrical isolation	Yes
Approvals and certificates	
Approvals and certificates	CE
General Information	
Dimensions (W x L x H)	41.2 x 90.3 x 23.8 mm
Ambient temperature	-20...+60 °C
Storage temperature	-20...+70 °C
Relative humidity	5...85 %, non-condensing
Protection class	IP20
Housing material	Metal
Housing color	Silver
Mounting	On HMIs of the TX500 and TX700 series

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Connection and pin assignment




Serial Interface

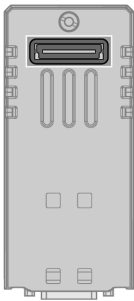
SUB-D female connector, 9-pin

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.