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**

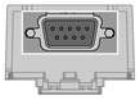
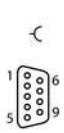
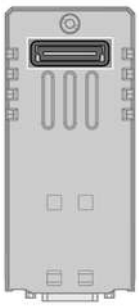
Type designation	TX-RS485
Ident no.	100002598
Supply	
System power supply	From the HMI
Electrical isolation	photoelectric
System data	
Fieldbus transmission rate	9.6 kbps …115.2 kbps
Fieldbus connection technology	1 × 9-pol D-SUB, Female connector
Electrical isolation	Yes
Approvals and certificates	CE
General Information	
Dimensions (W x L x H)	41.2 x 90.3 x 23.8mm
Operating 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  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.	.

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