

TX HMI/PLC Series

Plug-In Module

RS485 Interface

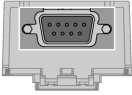
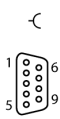
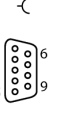
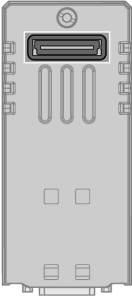
TX-RS485

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
Standard/Directive conformity	
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



- Plug-in extension module for use with HMIs of the TX700 and TX800 product series
- RS485/RS422 interface
- Galvanically isolated
- 9-pin SUB-D female connector
- With plug-in extension slot

Connection and pin assignment

	<p>Serial Interface SUB-D female connector, 9-pin</p>	<p>Pin Assignment in RS485 Operating Mode</p>  <ul style="list-style-type: none"> 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. <p>Pin Assignment in RS422 Operating Mode</p>  <ul style="list-style-type: none"> 1 = GND 2 = n.c. 3 = TX - 4 = RX - 5 = n.c. 6 = +5 V output 7 = RX + 8 = TX + 9 = n.c.
	<p>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.</p>	