

TX HMI/PLC Series

Plug-In Module

RS485 Interface

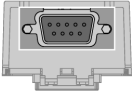
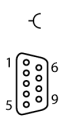
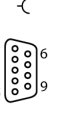
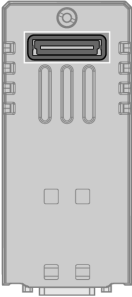
TX-RS485



- 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 | 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 |

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> | <p>.</p> |