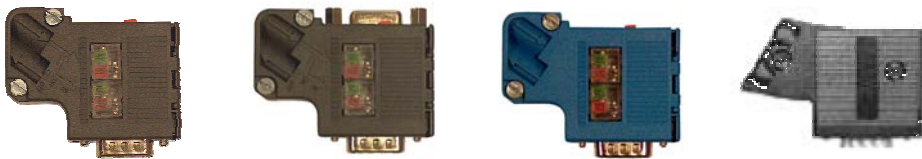


PROFIBUS-DP Bus connector RS485

Technical data

Bus connector	D9T-RS485	D9T-RS485PG	D9T-RS485IS	D9S-RS485
TURCK Ident-no.	6890942	6890943	6890944	6780103
Manufacturer	Siemens	Siemens	Siemens	Siemens
Manufacturer designation	6ES7 972-0BA60-0XA0	6ES7 972-0BB60-0XA0	6ES7 972-0DA60-0XA0	6ES7 972-0BA30-0XA0
				
Cable exit	35° for soldering	35° for soldering	35° for soldering	30° for soldering
Transmission rate	9.6 kbps...12 Mbps	9.6 kbps...12 Mbps	9.6 kbps...1.5 Mbps	9.6 kbps...1.5 Mbps
Interface type	RS485	RS485	RS485-IS	RS485 / RS485-IS
Node connector	9-pole SUB-D connector	9-pole SUB-D connector	9-pole SUB-D connector	9-pole SUB-D connector
Bus cable connection	4 insulation piercing connections (FastConnect [®] technology) for wires Ø 0.644 ± 0.040 mm	4 insulation piercing connections (FastConnect [®] technology) for wires Ø 0.644 ± 0.040 mm	4 insulation piercing connections (FastConnect [®] technology) for wires Ø 0.644 ± 0.040 mm	4 insulation piercing connections (FastConnect [®] technology) for wires Ø 0.644 ± 0.040 mm
Terminating resistor	Integrated termination combination can be switched-in via slide switch	Integrated termination combination can be switched-in via slide switch	Termination resistor integrated and switched-in via slide switch	No integrated termination resistor
Disconnection function	The outgoing bus is disconnected when the resistor is activated	The outgoing bus is disconnected when the resistor is activated	No disconnection function	No disconnection function
Power supply U _N	5.0 VDC	5.0 VDC	3.3 VDC	–
Ambient temperature T _A	0...+60 °C	0...+60 °C	-25...+70 °C	0...+60 °C
Storage temperature	-25...+80 °C	-25...+80 °C	-25...+80 °C	-25...+80 °C
Relative humidity	max. 75 % at +25 °C	max. 75 % at +25 °C	max. 75 % at +25 °C	max. 75 % at +25 °C
Dimensions (W x H x D) in mm	16 x 54 x 38	16 x 54 x 38	16 x 54 x 38	15 x 58 x 34
Weight	approx. 40 g	approx. 40 g	approx. 40 g	approx. 30 g
Degree of protection	IP20	IP20	IP20	IP20
PG connection socket	no	yes	no	no
Ex marking	–	–	II 2 G EEx ib IIC T4	–
Notes	–	–	Can only be used on devices with RS 485-IS interface !	–