

STANDARD SETTING

transmitter mode	active
receiver mode	passive
mode	full duplex
current in loop	±20 mA

TECHNICAL DATA

max. transfer rate	115 kb/s
max. line length	5 500 m
connector RS232c	D-SUB 09 pin F or RJ45
connector Current Loop	D-SUB 09 pin M or RJ45
galvanic separation	1 kV
overvoltage (soft) protection – CL	600W/1ms
overvoltage (soft) protection – power supply	600W/1ms
power supply	10 – 20V DC
power consumption	max 2 W
dimension	135 x 95 x 50 mm

WARRANTY CONDITIONS

ComErgon provides full warranty of 12 month for serial interface module PRO 1.0/CLS starting on the day of purchase.

The warranty is except for the cases in which the functioning of the module has been affected by faulty manipulation, natural catastrophes or other external factors.



PRO serie

PRO 1.0/CLS

isolated converter

RS 232 - Current Loop ±20mA



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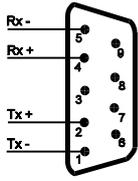
Pionierska 15, 831 02 Bratislava
Slovak Republic

e-mail: service@comergon.sk
<http://www.comergon.sk>

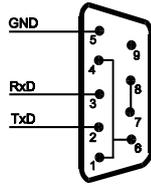
INPUT AND OUTPUT CONNECTORS

CL side

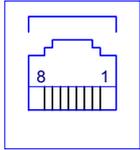
connector D-SUB 9



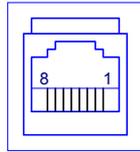
RS232c side



connector RJ45



- 3 (-) TxD
- 4 (-) RxD
- 5 (+) RxD
- 6 (+) TxD



- 4 RxD
- 5 TxD
- 6 GND

CONNECTION OF TWO MODULES

module 1		module 2	
FULL DUPLEX- DSUB9			
(Tx -) 1	—————	5 (Rx -)	
(Tx +) 2	—————	4 (Rx +)	
(Rx -) 5	—————	1 (Tx -)	
(Rx +) 4	—————	2 (Tx +)	
FULL DUPLEX- RJ45			
(Tx -) 3	—————	4 (Rx -)	
(Tx +) 6	—————	5 (Rx +)	
(Rx -) 4	—————	3 (Tx -)	
(Rx +) 5	—————	6 (Tx +)	

LAUOUT

