

OPTICAL INDICATION

PWR - red LED -	<i>power supply</i>
RxD - yellow LED -	<i>receive</i>
TxD - green LED -	<i>transmit</i>

TECHNICAL PARAMETERS

maximal transfer rate	115 kb/s
maximal recommended line length	2 500 m
galvanic separation	1 kV
overvoltage (soft) protection – line CL600W/1ms	
overvoltage (soft) protection – power supply	600W/1ms
connector RS232	screw
connector RS485	screw
connector power supply	screw
power supply	9 – 30V DC
power consumption	max 1W
operating temperature	0 to 70 °C
dimensions	90 x 36 x 58 mm

DIN 1.0|CL

isolated converter

RS 232 ↔ Current Loop

WARRANTY CONDITIONS

ComErgon provides full warranty of 12 month for serial interface module DIN 1.0/CL 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.



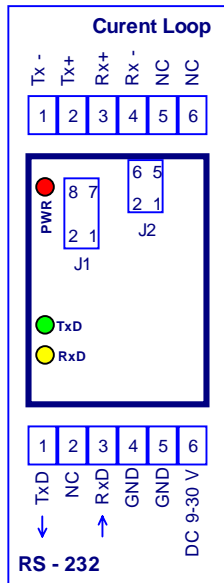
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**INPUT, OUTPUT CONNECTOR
AND LAYOUT OF JUMPERS**



INTERCONNECTION

module 1	module 2
pin	pin
SIMPLEX	
(Tx -) 1	→ 4 (Rx -)
(Tx +) 2	→ 3 (Rx +)
FULL DUPLEX	
(Tx -) 1	→ 4 (Rx -)
(Tx +) 2	→ 3 (Rx +)
(Rx -) 4	← 1 (Tx -)
(Rx +) 3	← 2 (Tx +)

SELECTION OF OPERATING MODES

FULL DUPLEX		
JUMPER	PIN	FUNCTION
J1 transmitter	1-2, 3-5, 6-8	active
	4 - 6, 5 - 7	passive
J2 receiver	1-2, 3-4, 5-6	active
	2 - 4, 3 - 5	passive

It is necessary to ensure for the same channel that transmitter and receiver are not set both to active mode.