

I/O-04U

General

The UP-I/O module connects illuminated touch buttons to the subnet. The module can transfer 4 commands to the BUS system and issue 4 signals.

The buttons and signal lamps are connected via ready-made cables, e.g. 4 buttons or switches with feedback or separate signal lamp.



In- / Outputs

- 4 OC outputs, each 24V/20mA
- 4 optical coupler inputs

Function displays

- 1 red LED indicates the operating voltage
- 1 yellow flashing LED signalise the communication with the master via subnet

Connections

- 1 connection for the subnet (BUS A and B, RS-485)
- 1 connection for the operating voltage (Ub, 0V)
- 4 outputs
- 4 inputs

Design

- Encapsulated in a plastic yellow cover for installation in conventional flush mounted boxes or external devices

Special function DIP switch 1

- baud-rate
 - switch OFF baud-rate 38400 Baud
 - switch ON baud-rate 9600 Baud

Technical data

Type	I/O-04U
Art. Nr.	80024000
Operating voltage	12 - 27V DC
Power consumption	20 - 120mA according to output load
Inputs	12-30V DC 5mA (floating contact) via opto coupler (4,7kOhm)
Outputs	+Ub -1V, max. 20mA via OC outputs
Subnet (RS-485)	max. 5.6V limited by Z-diodes
Dimensions	DxH 50x18mm

Technical data

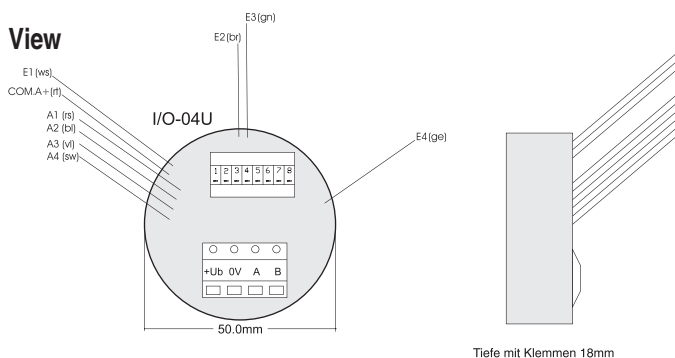
I/O-04U	Continued
Weight	ca. 90g
Connection	Screw terminals 2,5mm ² for BUS, in- outputs by massive wires 0,8mm
Operating voltage	-10...+50°C
Storage temperature	-25...+70°C
Humidity	0...85 % r.F. non condensing
Protection class	IP 20
ESD immunity	Category 2 according to IEC 1000-4-2
EMC immunity	Use in typical industrial enviroment. Category 3 according to IEC-1000-4-4 (Test was carried out within a whole system)
CE mark	yes

Terminal assignment

\cong Ub	Operating voltage
0V	Operating voltage
A	Subnet (BUS A, RS-485)
B	Subnet (BUS B, RS-485)

Wire colours designation

white	input 1
brown	input 2
green	input 3
yellow	input 4
(grey)	COM. inputs (special manufacturing for special uses, upon request) default bondet with 0V
pink	output 1
blue	output 2
dark purple	output 3
black	output 4
red	COM. outputs (+Ub -1V)



Wiring diagram

