

I/O-02U

General

The UP-I/O module connects illuminated touch buttons to the subnet. The module can transfer 2 commands to the BUS system and issue 2 signals.

The buttons and signal lamps are connected via ready-made cables, e.g. 2 buttons or switches with feedback or separate signal lamp.



In- / Outputs

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

Function displays

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

Connections

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

Design

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

Special function DIP switch 1

- baudrate
 - switch OFF data transmission rate 38400 Baud
 - switch ON data transmission rate 9600 Baud

Technical data

Type	I/O-02U
Art. Nr.	80024015
Operating voltage	12V to 27V DC
Current consumption	max. 20-120mA according to output exposure
Inputs	12-30V DC, 5mA (floating contact) via optical coupler (4,7kOhm)
Outputs	+Ub – 1V, max. 20mA via OC
Subnet (RS-485)	max. 5,6V limited by Z-diodes
Dimensions	DxH 50x18mm
Weight	90g
Connection	Screw terminals 2.5mm ² (for BUS, in-/outputs by massiven wires 0.8mm ²)

Technical data

I/O-02U	Continued
Operating voltage	-10...+50°C
Storage temperature	-25...+70°C
Humidity	0 ...85 % r.F. non condensing
Protection class	IP20
ESD immunity	Category 2 according to IEC-1000-4-2
EMC immunity	Use in typical industrial environment. Category 3 according to IEC-1000-4-4 (Test was carried out within a whole system)
CE mark	yes

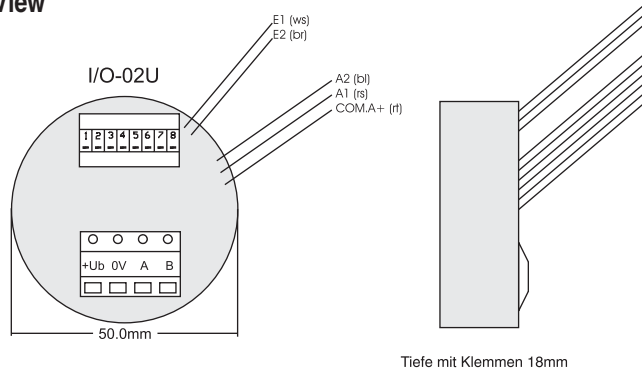
Terminal assignment

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

Wire colour designation

white	input 1
brown	input 2
pink	output 1
blue	output 2
red	COM (+) (+Ub -1V)

View



Wiring diagram

