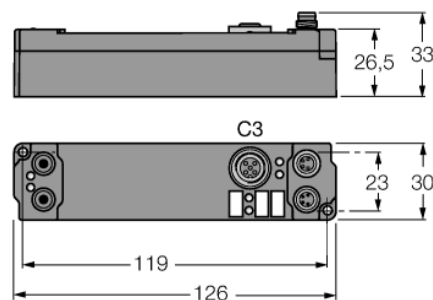


# piconet Extension Module for IP-Link

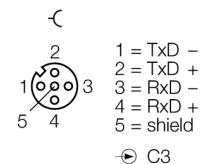
## 1-channel Serial Interface RS232/RS485

### SNNE-10S-0004

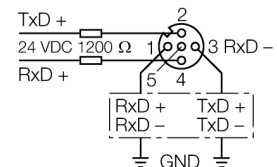


- Serial interface RS422/485
- 1-channel
- Parameterizable functions
- Supported via I/O-ASSISTANT 2
- Direct connection to the IP link
- Fibre-glass reinforced housing
- Encapsulated module electronics
- Metal connector
- Degree of protection IP67

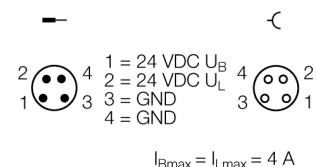
#### M12 × 1 Input



#### Connection - RS485 Devices



#### M8 × 1 Power Supply



|                               |                                              |
|-------------------------------|----------------------------------------------|
| Type                          | SNNE-10S-0004                                |
| ID                            | 6824213                                      |
| Operating / load voltage      | 20...29 VDC                                  |
| Operating current             | ≤ 40 mA                                      |
| Fibre-optic length            | ≤ 15 m                                       |
| Line impedance                | 120 Ω                                        |
| Common mode voltage           | max. -7...+12 V (against ground)             |
| Bit transfer                  | differential                                 |
| Transmission rate             | 1.2 to 19.2 kBit/s (default 9.6 kbps)        |
| Transfer circuit              | twisted pair ≤ 1000 m                        |
| Data buffer                   | 128 byte receive buffer, 16 byte send buffer |
| Potential separation          | operating voltage to RS485                   |
| Dimensions (W x L x H)        | 30 x 126 x 26.5 mm                           |
| Vibration test                | Acc. to EN 60068-2-6                         |
| Shock test                    | acc. to DIN EN 60068-2-27                    |
| Electromagnetic compatibility | Acc. to EN 61000-6-2/EN 61000-6-4            |
| Protection class              | IP67                                         |
| Approvals                     | CE, cULus                                    |

Data in process image

|                                                                         | Address | Input data |          | Output data |          |
|-------------------------------------------------------------------------|---------|------------|----------|-------------|----------|
| Pre-conditions                                                          | Word    | High-Byte  | Low-Byte | High-Byte   | Low-Byte |
| <b>Complex mapping:</b><br>Data are mapped with control and status byte | 0       | D0         | SB       | D0          | CB       |
|                                                                         | 1       | D2         | D1       | D2          | D1       |
|                                                                         | 2       | D4         | D3       | D4          | D3       |