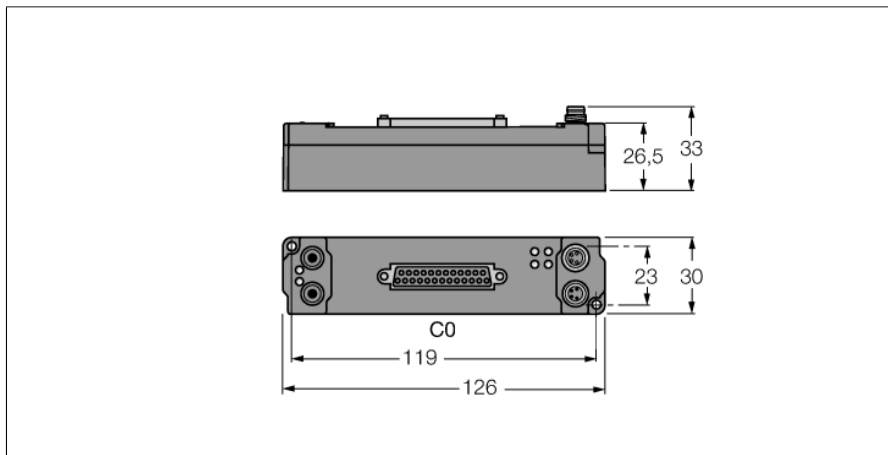


# piconet Uitbreidingsmodule voor IP-Link

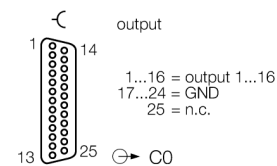
## 16 digitale uitgangen 0,5 A (in totaal 4 A)

### SNNE-0016D-0001

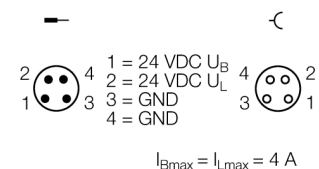


- Directe IP-Link aansluiting
- Met glasvezel versterkte behuizing
- Ingegoten module-elektronica
- Metalen connector
- Beschermingsklasse IP20

#### uitgang SUB-D



#### spanningsvoeding M8 x 1



$$I_{Bmax} = I_{Lmax} = 4 \text{ A}$$

|                                    |                                          |
|------------------------------------|------------------------------------------|
| Type                               | SNNE-0016D-0001                          |
| Identnr.                           | 6824468                                  |
| Aantal kanalen                     | 16                                       |
| Bedrijfs-/lastspanning             | 20...29 VDC                              |
| Bedrijfsstroom                     | ≤ 25 mA                                  |
| Lengte lichtgeleider               | ≤ 15 m                                   |
| Kanalenaantal                      | 16 digitale uitgangen volgens EN 61131-2 |
| Uitgangsspanning                   | 20...29 VDC uit lastspanning             |
| Uitgangsstroom per kanaal          | 0,5 A (Σ 4 A), kortsluitvast             |
| Type uitgangsdiagnose              | per kanaal                               |
| Belastingstype                     | ohmsch, inductief, lampbelasting         |
| Schakelfrequentie                  | ≤ 500 Hz                                 |
| Gelijktijdigheidsfactor            | 0.5                                      |
| Afmetingen (B x L x D)             | 30 x 126 x 26.5 mm                       |
| Vibratietest                       | Volgens EN 60068-2-6                     |
| Schoktest                          | volgens EN 60068-2-27                    |
| Elektromagnetische compatibiliteit | Volgens EN 61000-6-2/EN 61000-6-4        |
| Beschermingsgraad                  | IP20                                     |
| Certificaten                       | CE, cULus                                |

## LED's

|                         | LED designation | Status green | Status red | Function                                          |
|-------------------------|-----------------|--------------|------------|---------------------------------------------------|
| IP-Link / module status | RUN / ERR (I/O) | flickers/ON  | OFF        | Receiving error-free IP-Link protocols            |
|                         |                 | flickers     | flickers   | Receiving faulty IP-Link protocols                |
|                         |                 | OFF          | flickers   | Receiving faulty IP-Link protocols / system fault |
|                         |                 | OFF          | ON         | No receipt of IP-Link protocols / module error    |
| Outputs                 | ERR 1...8       | ON           | OFF        | ≥ 1 output C0P1...C0P8 active (switched)          |
|                         |                 | OFF          | ON         | ≥ 1 output C0P1...C0P8 overloaded / hot-wired     |
|                         | ERR 9...16      | ON           | OFF        | ≥ 1 output C0P9...C0P16 active (switched)         |
|                         |                 | OFF          | ON         | ≥ 1 output C0P9...C0P16 overloaded / hot-wired    |
| Power supply            | U <sub>B</sub>  | OFF          |            | Operating voltage U <sub>B</sub> < 18 VDC         |
|                         |                 | ON           |            | Operating voltage U <sub>B</sub> ≥ 18 VDC         |
|                         | U <sub>L</sub>  | ON           | OFF        | Load voltage U <sub>L</sub> ≥ 18 VDC              |
|                         |                 | OFF          | ON         | Load voltage U <sub>L</sub> < 18 VDC              |

## data in de procesafbeelding

|                                                                                                                                                                                                                                                                                                      |        |                                       | Bit 7                                                                                        | Bit 6 | Bit 5 | Bit 4 | Bit 3                                                                                        | Bit 2 | Bit 1 | Bit 0 |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|---------------------------------------|----------------------------------------------------------------------------------------------|-------|-------|-------|----------------------------------------------------------------------------------------------|-------|-------|-------|
| PROFIBUS-DP coupling module:<br>"Byte alignment" is disabled (default) and byte n has been used halfway.<br>DeviceNet™, CANopen, INTERBUS, Ethernet coupling module:<br>Byte n has been used halfway. Up to 8 bit user data are mapped.                                                              | Output | Byte n                                | C0P4                                                                                         | C0P3  | C0P2  | C0P1  | Is used by the physically preceding bit-oriented extension module connected via the IP Link. |       |       |       |
|                                                                                                                                                                                                                                                                                                      |        | Byte n+1                              | C0P12                                                                                        | C0P11 | C0P10 | C0P9  | C0P8                                                                                         | C0P7  | C0P6  | C0P5  |
|                                                                                                                                                                                                                                                                                                      |        | Byte n+2                              | Is used by the physically following bit-oriented extension module connected via the IP Link. |       |       |       | C0P16                                                                                        | C0P15 | C0P14 | C0P13 |
| PROFIBUS-DP coupling module:<br>"Byte alignment" is disabled (default) and the previous byte has been completely used or "byte alignment" is active.<br>DeviceNet™, CANopen, INTERBUS, Ethernet coupling module:<br>The previous byte has been completely used.<br>Up to 8 bit user data are mapped. | Output | Byte n                                | C0P8                                                                                         | C0P7  | C0P6  | C0P5  | C0P4                                                                                         | C0P3  | C0P2  | C0P1  |
|                                                                                                                                                                                                                                                                                                      |        | Byte n+1                              | C0P16                                                                                        | C0P15 | C0P14 | C0P13 | C0P12                                                                                        | C0P11 | C0P10 | C0P9  |
|                                                                                                                                                                                                                                                                                                      |        | C... = Connector no. – P... = Pin no. |                                                                                              |       |       |       |                                                                                              |       |       |       |