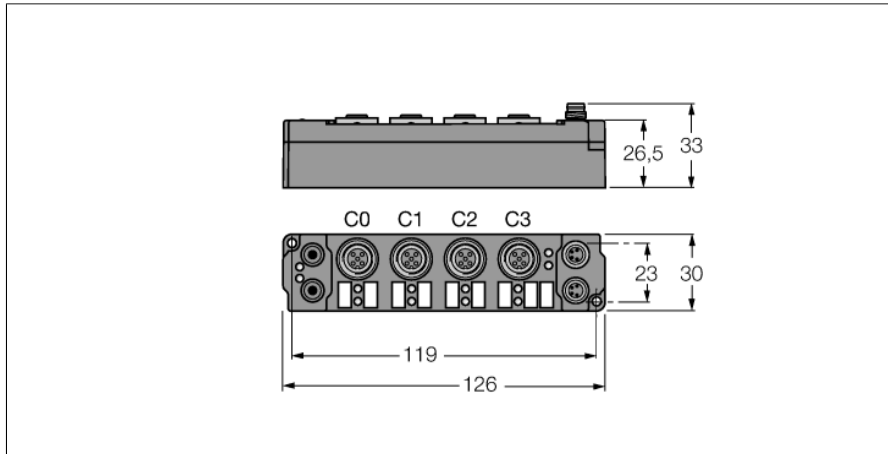
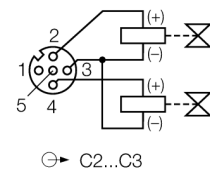


# piconet Extension Module for IP-Link 8 Digital Outputs 2 A (12 A in Total) SNNE-0008D-0005

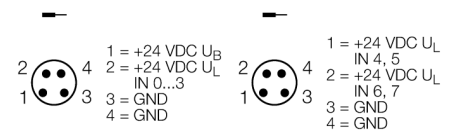


- Direct connection to the IP link
- Fibre-glass reinforced housing
- Encapsulated module electronics
- Metal connector
- Degree of protection IP67

## M12 × 1 Output



## M8 × 1 Power Supply



|                               |                                      |
|-------------------------------|--------------------------------------|
| Type                          | SNNE-0008D-0005                      |
| ID                            | 6824184                              |
| Number of channels            | 8                                    |
| Operating / load voltage      | 20...29 VDC                          |
| Operating current             | ≤ 25 mA                              |
| Fibre-optic length            | ≤ 15 m                               |
| Number of channels            | 8 digital outputs acc. to EN 61131-2 |
| Output voltage                | 20...29 VDC from load voltage        |
| Output current per channel    | 2 A (Σ 12 A), short-circuit proof    |
| Load type                     | resistive, inductive, lamp load      |
| Switching frequency           | ≤ 500 Hz                             |
| Simultaneity factor           | 0.75                                 |
| 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

|                                                                                                                                                                                                                                                                                                      |        | 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 (M8)                           | C3P4                                                                                         | C2P4  | C1P4  | C0P4  | is used by the physically preceding bit-oriented extension module connected via the IP Link. |       |       |
|                                                                                                                                                                                                                                                                                                      |        | Byte n (M12)                          | C1P2                                                                                         | C1P4  | C0P2  | C0P4  |                                                                                              |       |       |
|                                                                                                                                                                                                                                                                                                      |        | Byte n+1 (M8)                         | is used by the physically following bit-oriented extension module connected via the IP Link. |       |       | C7P4  | C6P4                                                                                         | C5P4  | C4P4  |
|                                                                                                                                                                                                                                                                                                      |        | Byte n+1 (M12)                        |                                                                                              |       |       | C3P2  | C3P4                                                                                         | C2P2  | C2P4  |
| 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 (M8)                           | C7P4                                                                                         | C6P4  | C5P4  | C4P4  | C3P4                                                                                         | C2P4  | C1P4  |
|                                                                                                                                                                                                                                                                                                      |        | Byte n (M12)                          | C3P2                                                                                         | C3P4  | C2P2  | C2P4  | C1P2                                                                                         | C1P4  | C0P2  |
|                                                                                                                                                                                                                                                                                                      |        | C... = Connector no. – P... = Pin no. |                                                                                              |       |       |       |                                                                                              |       |       |