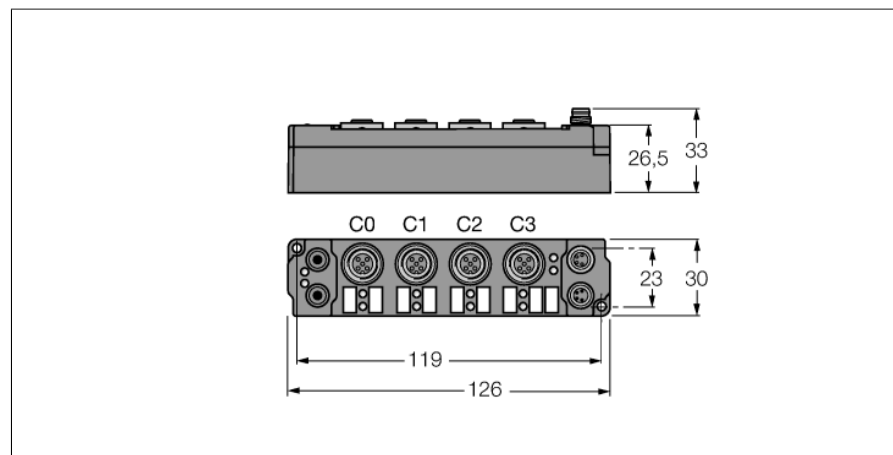


# módulo de extensión piconet para IP-Link

## 4 entradas digitales pnp filtro 3 ms

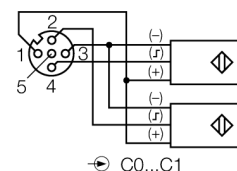
## 4 salidas digitales 2 A

## SNNE-0404D-0008

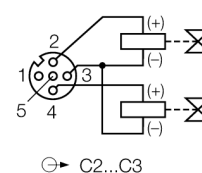


- conexión directa a IP-Link
- carcasa reforzada por fibra de vidrio
- electrónica de módulos completamente sellada
- conector de metal
- grado de protección IP67

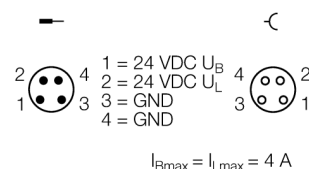
### Entrada M12 × 1



### Salida M12 × 1



### Fuente de alimentación M8 × 1



|                                 |                                               |
|---------------------------------|-----------------------------------------------|
| Tipo                            | SNNE-0404D-0008                               |
| N.º de ID                       | 6824199                                       |
| Número de canales               | 8                                             |
| Tensión de servicio / de carga  | 20...29 VDC                                   |
| Corriente de servicio           | ≤ 25 mA                                       |
| Longitud del LWL                | ≤ 15 m                                        |
| Número de canales               | 4 entradas digitales, conforme a EN 61131/-2  |
| Tensión de entrada              | 20...29 VDC de la tensión de servicio         |
| Voltaje de señal de nivel bajo  | -3 hasta 5 VDC (EN 61131-2, tipo 2)           |
| Tensión de señal, nivel alto    | 11 hasta 30 VDC (EN 61131-2, tipo 2)          |
| Retardo a la entrada            | 3 ms                                          |
| Corriente de entrada máx.       | 6 mA                                          |
| Número de canales               | 4 salidas digitales, conforme a EN 61131/-2   |
| Tensión de salida               | 20-29 V CC del voltaje de carga               |
| Corriente de salida por canal   | 2 A (Σ 4 A), resistente al cortocircuito      |
| Tipo de carga                   | óhmica, inductiva, lámpara                    |
| Frecuencia de conmutación       | ≤ 500 Hz                                      |
| Factor de simultaneidad         | 0.5                                           |
| Medidas (An x L x Al)           | 30 x 126 x 26.5 mm                            |
| Control de vibraciones          | Conforme a EN 60068-2-6                       |
| Control de choques              | conforme a EN 60068-2-27                      |
| Compatibilidad electromagnética | Conforme a la norma EN 61000-6-2/EN 61000-6-4 |
| Grado de protección             | IP67                                          |
| Aprobaciones                    | CE, cULus                                     |

LEDs

|                         | 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    |
| Inputs                  | 0...3           | OFF          |            | Input inactive (not dampened)                     |
|                         |                 | ON           |            | Input active (dampened)                           |
| Outputs                 | 4...7           | OFF          |            | Output inactive (not switched)                    |
|                         |                 | ON           |            | Output active (switched)                          |
| 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>  | OFF          |            | Load voltage U <sub>L</sub> < 18 VDC              |
|                         |                 | ON           |            | Load voltage U <sub>L</sub> ≥ 18 VDC              |

datos en la representación del proceso

|                                                                                                                                                                       |        |        | Bit 7                                                                                        | Bit 6 | Bit 5 | Bit 4 | Bit 3                                                                                        | Bit 2 | Bit 1 | Bit 0 |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|--------|----------------------------------------------------------------------------------------------|-------|-------|-------|----------------------------------------------------------------------------------------------|-------|-------|-------|
| Coupling module parameter Byte alignment is "disabled" (default) and the previous byte has been completely used.<br>4 bit input data and output data each are mapped. | Input  | Byte 0 | Is used by the physically following bit-oriented extension module connected via the IP Link. |       |       |       | C1P2                                                                                         | C1P4  | C0P2  | C0P4  |
|                                                                                                                                                                       | Output | Byte 0 |                                                                                              |       |       |       | C3P2                                                                                         | C3P4  | C2P2  | C2P4  |
| Coupling module parameter Byte alignment is "disabled" and the previous byte has been used halfway.<br>4 bit input data and output data each are mapped.              | Input  | Byte 0 | C1P2                                                                                         | C1P4  | C0P2  | C0P4  | Is used by the physically preceding bit-oriented extension module connected via the IP Link. |       |       |       |
|                                                                                                                                                                       | Output | Byte 0 | C3P2                                                                                         | C3P4  | C2P2  | C2P4  |                                                                                              |       |       |       |
| Coupling module parameter Byte alignment is activated.<br>1 byte input data and output data each are mapped.                                                          | Input  | Byte 0 | idle                                                                                         | idle  | idle  | idle  | C1P2                                                                                         | C1P4  | C0P2  | C0P4  |
|                                                                                                                                                                       | Output | Byte 0 | C3P2                                                                                         | C3P4  | C2P2  | C2P4  | idle                                                                                         | idle  | idle  | idle  |

C... = Connector no., P... = Pin no.