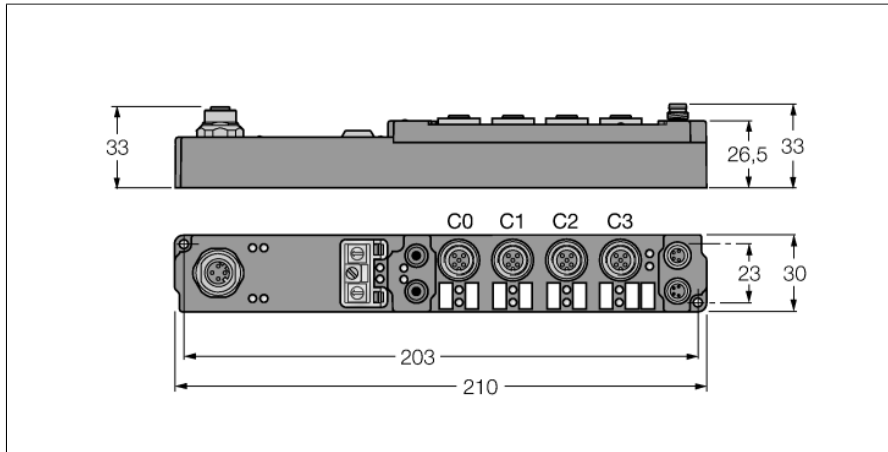
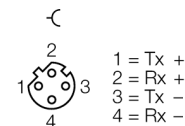


# piconet koppelmodule voor EtherNet/IP 4 digitale pnp ingangen filter 3 ms 4 digitale uitgangen 0,5 A SIPL-0404D-0004

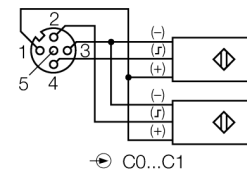


- configuratie-interface
- Parametreerbare functies
- ondersteund via I/O-ASSISTANT 2
- directe veldbusaansluiting
- directe IP-Link aansluiting
- glasvezelversterkte behuizing
- vergoten module-elektronica
- metalen connector
- beschermingsgraad IP67

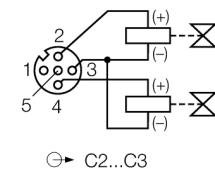
## Ethernet M12 x 1



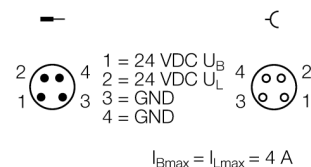
## ingang M12 x 1



## uitgang M12 x 1



## spanningsvoeding M8 x 1



|                                    |                                         |
|------------------------------------|-----------------------------------------|
| Type                               | SIPL-0404D-0004                         |
| Identnr.                           | 6824471                                 |
| Aantal kanalen                     | 8                                       |
| Bedrijfs-/lastspanning             | 20...29 VDC                             |
| Bedrijfsstroom                     | ≤ 100 mA                                |
| Transmissiesnelheid Ethernet       | 10/100 Mbit/s                           |
| Adresseringsmodi Ethernet          | via draaicodeerschakelaar               |
| Service-interface                  | parametrering via I/O-ASSISTANT         |
| Potentiaalscheiding                | Ethernet naar bedrijfsspanning          |
| Lengte lichtgeleider               | ≤ 15 m                                  |
| Kanalenaantal                      | 4 digitale ingangen volgens EN 61131-2  |
| Ingangsspanning                    | 20...29 VDC uit bedrijfsspanning        |
| Signaalspanning laag niveau        | -3 tot 5 VDC (EN 61131-2, type 2)       |
| Signaalspanning High Level         | 11 tot 30 VDC (EN 61131-2, type 2)      |
| Ingangsvertraging                  | 3 ms                                    |
| max. ingangsstroom                 | 6 mA                                    |
| Kanalenaantal                      | 4 digitale uitgangen volgens EN 61131-2 |
| Uitgangsspanning                   | 20...29 VDC uit lastspanning            |
| Uitgangsstroom per kanaal          | 0,5 A, kortsluitvast                    |
| Belastingstype                     | ohmsch, inductief, lampbelasting        |
| Schakelfrequentie                  | ≤ 500 Hz                                |
| Gelijktijdigheidsfactor            | 1                                       |
| Afmetingen (B x L x D)             | 30 x 210 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                  | IP67                                    |
| Certificaten                       | CE, cULus                               |

## LED's

|             | LINK <sub>green</sub> | ACT <sub>green</sub> | EIP R <sub>green</sub> | EIP E <sub>red</sub> | Function                       |
|-------------|-----------------------|----------------------|------------------------|----------------------|--------------------------------|
| Ethernet    | ON                    |                      |                        |                      | physical connection present    |
|             | OFF                   |                      |                        |                      | no physical connection present |
|             |                       | flashing             |                        |                      | bus traffic present            |
|             |                       | OFF                  |                        |                      | no bus traffic present         |
| EtherNet/IP |                       |                      | ON 0,5 s               | OFF                  | IP address ok                  |
|             |                       |                      | OFF                    | OFF                  | no IP address                  |
|             |                       |                      | ON                     | OFF                  | online                         |
|             |                       |                      | ON 0,1 s               | OFF                  | offline PLC stop               |
|             |                       |                      | OFF                    | ON 0,5 s             | time out                       |
|             |                       |                      | OFF                    | ON                   | IP address conflict            |

|                         | LED designation | Status <sub>green</sub> | Status <sub>red</sub> | 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              |

## data in de procesafbeelding

|                                                   | Bit 7 | Bit 6  | Bit 5                                                                                        | Bit 4 | Bit 3 | Bit 2 | Bit 1 | Bit 0 |
|---------------------------------------------------|-------|--------|----------------------------------------------------------------------------------------------|-------|-------|-------|-------|-------|
| 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  |
|                                                   |       |        |                                                                                              |       | C3P2  | C3P4  | C2P2  | C2P4  |

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