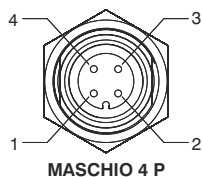
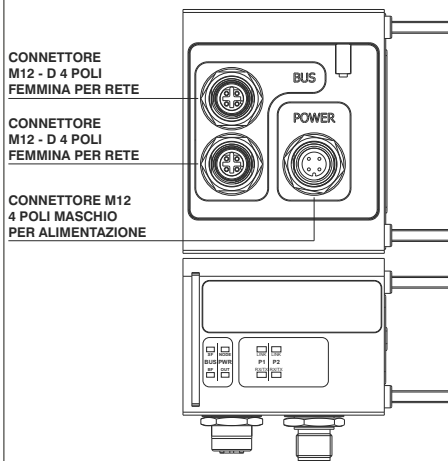


PROFINET IO RT/IRT (Cod. 5725.32T.PN)

Alimentazione

L'alimentazione del nodo avviene mediante il connettore circolare da M12 a 4 poli maschio. La separazione tra il 24V del nodo ed il 24V delle uscite permette di spegnere le uscite lasciando il nodo alimentato.

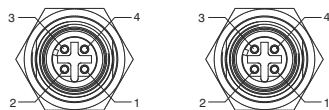
ATTENZIONE: Se non si porta il 24VDC sul piedino dedicato all'alimentazione delle uscite (PIN 4 del connettore 4 poli) le elettrovalvole rimangono spente.



| PIN | DESCRIZIONE |
|-----|---------------------------|
| 1 | +24 VDC (NODO E INGRESSI) |
| 2 | NC |
| 3 | GND |
| 4 | +24 VDC (USCITE) |

Collegamento in rete

Il collegamento nella rete PROFINET IO RT/IRT del nodo avviene mediante 2 connettori circolari femmina da M12 4 poli tipo D. I 2 connettori indirizzano il segnale a 2 distinte porte di comunicazione, per cui non sono in parallelo tra di loro.

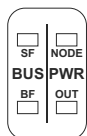


| PIN | SEGNALE | DESCRIZIONE |
|-----|---------|------------------------|
| 1 | TX+ | Ethernet Transmit High |
| 2 | RX+ | Ethernet Receive High |
| 3 | TX- | Ethernet Transmit Low |
| 4 | RX- | Ethernet Receive Low |

Configurazione

Indipendentemente dal numero di moduli ingressi collegati occorre dichiarare la seguente configurazione:

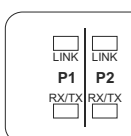
SLOT 1: 4 Bytes Out
SLOT 5: 8 Bytes In



Indicatori di stato (Nodo + alimentazioni)

Lo slave PROFINET IO RT/IRT è dotato di 4 LED indicanti lo stato del dispositivo secondo quanto qui di seguito schematizzato:

| | | |
|-----|------|----------------------------------------------------------------------------------------------------------------|
| PWR | Node | led verde: segnala l'alimentazione di nodo e ingressi |
| | Out | led verde: segnala l'alimentazione delle uscite |
| BUS | SF | led verde: FLASHING: DCP signal service is initiated via the bus |
| | BF | led rosso: FLASHING: No data exchange ON: No configuration; low speed physical link; or no physical link |
| | - | OFF: No error |



Indicatori di stato (Porte)

Lo slave PROFINET IO RT/IRT è dotato di 4 LED indicanti lo stato delle porte di comunicazione secondo quanto qui di seguito schematizzato:

| led verde (Link) | descrizione |
|--------------------|----------------------------------------------|
| OFF | The Device has no connection to the Ethernet |
| ON | A connection to the Ethernet exists |
| led giallo (RX/TX) | descrizione |
| FLASHING | The device sends/receives Ethernet frames |

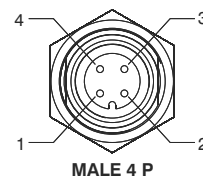
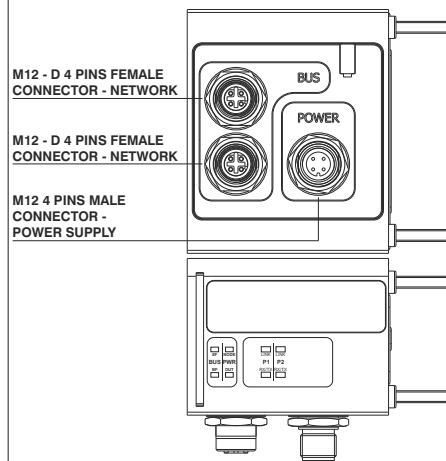
Il file .xml per la configurazione del nodo è scaricabile dal sito www.pneumaxspa.com

PROFINET IO RT/IRT (Cod. 5725.32T.PN)

Electric supply

The node electric supply is achieved via a round M12, 4 pins male connector. As the electric supply 24V to the node is kept separate from the electric supply 24V to the outputs it is possible to turn off the outputs keeping the node on.

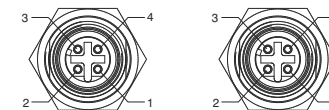
ATTENTION: If the 24VDC is not connected to outputs power supply pin (pin 4 of 4 pin connector) solenoid valves are turned off.



| PIN | DESCRIPTION |
|-----|-------------------------|
| 1 | +24 VDC (NODE & INPUTS) |
| 2 | NC |
| 3 | GND |
| 4 | +24 VDC (OUTPUTS) |

Connection to the network

Connection to Bus PROFINET IO RT/IRT is possible via 2 M12 4P D type female circular connectors. These two connectors lead the signal to two different communication ports, so they are not connected in parallel.

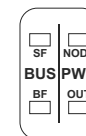


| PIN | SIGNAL | DESCRIPTION |
|-----|--------|------------------------|
| 1 | TX+ | Ethernet Transmit High |
| 2 | RX+ | Ethernet Receive High |
| 3 | TX- | Ethernet Transmit Low |
| 4 | RX- | Ethernet Receive Low |

Configuration

Regardless the number of INPUTS modules connected it's needed to declare the following configuration:

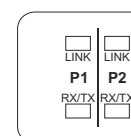
SLOT 1: 4 Bytes Out
SLOT 5: 8 Bytes In



Status indicators (Node + power supply)

The PROFINET IO RT/IRT slave is fitted with 4 LED which indicate the device working state as follows:

| | | |
|-----|------|-----------------------------------------------------------------------------------------------------------------|
| PWR | Node | green LED: indicates power supply of node+INPUTS |
| | Out | green LED: indicates power supply of OUTPUTS |
| BUS | SF | green LED: FLASHING: DCP signal service is initiated via the bus |
| | BF | red LED: FLASHING: No data exchange ON: No configuration; or low speed physical link; or no physical link |
| | - | OFF: No error |



Status indicator (Ports)

The PROFINET IO RT/IRT slave is fitted with 4 LED which indicate the device working state of communication ports as follows:

| green led (Link) | description |
|--------------------|----------------------------------------------|
| OFF | The Device has no connection to the Ethernet |
| ON | A connection to the Ethernet exists |
| yellow led (RX/TX) | description |
| FLASHING | The device sends/receives Ethernet frames |

The .xml file for node configuration is downloadable from www.pneumaxspa.com