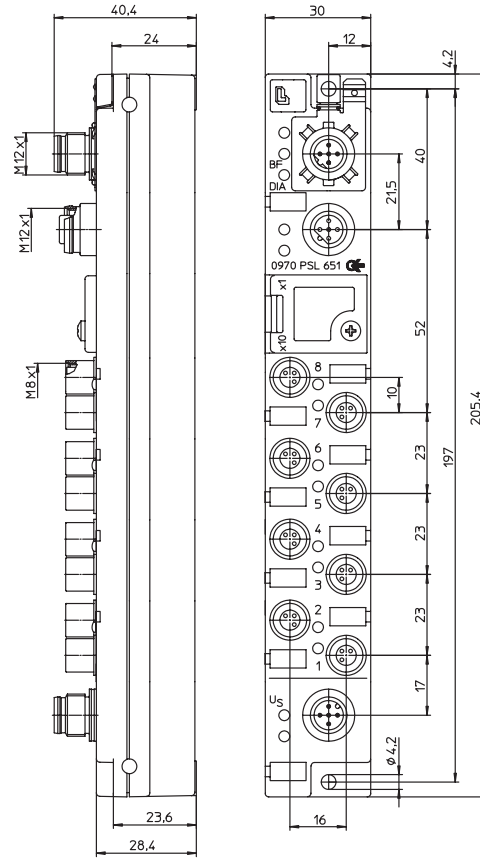


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8 In

LioN-S Profibus-DP module with 8 digital inputs (PNP), Pico (M8) I/O and Micro (M12) bus and power connectors, rotary switches for addressing.

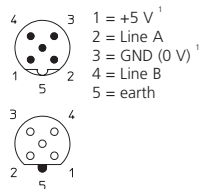


| Bit Assignment | | | | | | | | |
|-----------------|---|---|---|---|---|---|---|---|
| Bit | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 |
| M8 Input | | | | | | | | |
| Byte 0 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 |

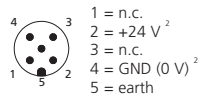
| Diagnostic Indication | | |
|-----------------------|------------|--|
| LED | Indication | Condition |
| 1...8 | yellow | channel status |
| 1...8 | red | periphery fault |
| U _s | green | sensor/system power supply |
| U _i | green | actuator power supply |
| BF | red | bus error |
| DIA | red | common indication for periphery faults |

Pin Assignment

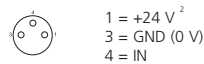
Bus Connection Micro (M12)



Power Supply Micro (M12)



Input Pico (M8)



¹ = internal signals: galvanically separated to sensors
² = system/sensors

| | |
|-----------------------------|------------------------------------|
| Technical data | |
| Degree of protection | IP 67 |
| Operating temperature range | 0°C (+32°F) / +60°C (+140°F) |
| Weight | 200 g |
| Housing | PBT |
| Bus system | |
| ID number | 09C9 hex |
| GSD file | Lum_09C9.zip |
| Transmission rate | max. 12 MBaud |
| Address range | 1-126 dec |
| Rotary address switches | 1-99 dec |
| Default address | 99 dec |
| System power supply | |
| Rated voltage | 24 V DC |
| Voltage range | 19-30 V DC |
| Power consumption | 65 mA |
| Reverse polarity protection | yes |
| Input power supply | |
| Voltage range | min. (U _{system} - 1.5 V) |
| Sensor current | 150 mA (at T _{amb} 30°C) |
| Short circuit-proof | yes |
| Indication | LED, Green |
| Inputs | |
| Rated input voltage | 24 V DC |
| Channel type N.O. | PNP |
| Number of digital channels | Max. 8 |
| Channel status indicator | LED, Yellow per Channel |
| Diagnosis indicator | LED, Red per Channel |

Part Number

I/O

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8 Inputs

