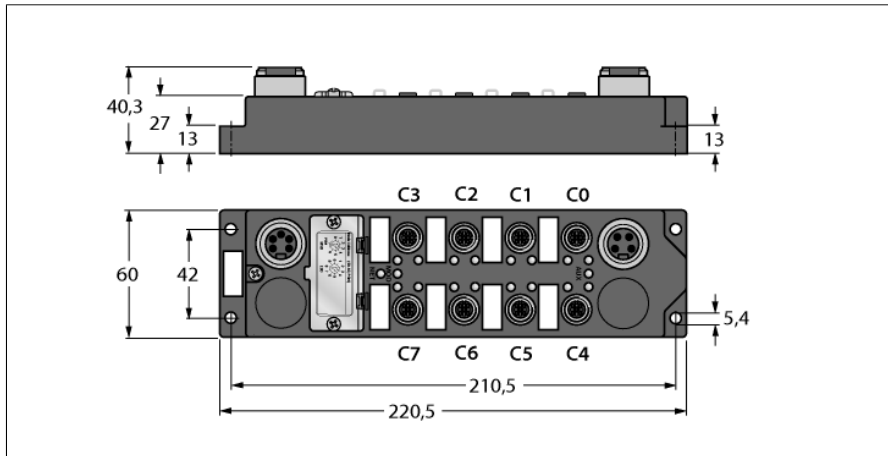
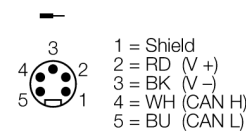
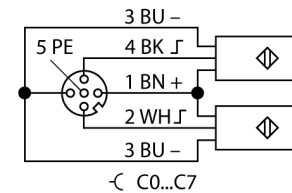
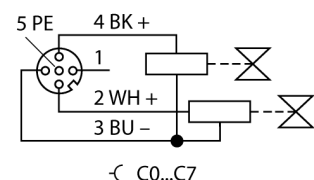
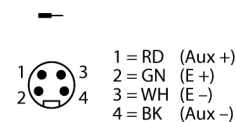


**I/O Module for DeviceNet**  
**8 digital PNP inputs**  
**8 digital outputs 1.4 A**  
**FDNP-S0808H-WW**



- 8 digital pnp inputs
- 8 digital outputs 1.4 A
- Short-circuit monitoring
- Module-related diagnostics
- Two ports per connector
- Separate actuator power supply
- Fibre-glass reinforced PA6 housing
- Vibration and shock-resistant
- Encapsulated module electronics
- Metal connectors
- Degree of protection IP67

|                                   |   |
|-----------------------------------|---|
| <b>Type designation</b>           | FDNP-S0808H-WW                              |
| Ident-No.                         | 6603330                                     |
| Ident-No (TUSA)                   | F0127                                       |
| <b>Number of channels</b>         | 16  |
| Operating / load voltage          | 11...26 VDC                                 |
| Operating current                 | < 75 mA                                     |
| Voltage supply connection         | 1 x 7/8"                                    |
| <b>Inputs</b>                     |   |
| Number of channels                | (8) 3-wire pnp sensors                      |
| Input voltage                     | 18...30 VDC from operating voltage UB       |
| Supply current                    | 120 mA per port, short-circuit proof        |
| Switching threshold               | EN 61131-3                                  |
| Input delay                       | low max.: 1.5 mA / high min.: 2 mA          |
| Switching frequency               | 2.5 ms                                      |
| Max. input current                | ≤ 100 Hz                                    |
| Potential separation              | 7 mA  |
|                                   | galvanic isolation against the bus          |
| <b>Outputs</b>                    |   |
| Number of channels                | (8) DC actuators                            |
| Output voltage                    | 18...26 VDC                                 |
| Output current per channel        | 1.4 A, short-circuit proof                  |
| Load type                         | resistive, inductive, lamp load             |
| Switching frequency               | ≤ 100 Hz                                    |
| Simultaneity factor               | 0.8   |
| Potential separation              | galvanic isolation against the bus          |
| <b>Sensor supply</b>              |   |
| Actuator power supply             | bus connection<br>separate (Aux)            |
| <b>Fieldbus transmission rate</b> | 125/250/500 kbps                            |
| Fieldbus addressing               | 0...63 (decimal) via coded rotary switches  |
| Electrical isolation              | to operating and load voltage               |
| <b>Dimensions (W x L x H)</b>     | 60 x 220.5 x 27mm                           |
| Housing material                  | fibre-glass reinforced Polyamide (PA6-GF30) |
| Mounting                          | 4 mounting holes Ø 5,4 mm                   |
| Operating temperature             | -25...+70 °C                                |
| Protection class                  | IP67  |
| MTTF                              | 149 years acc. to SN 29500 (Ed. 99) 20 °C   |
| Approvals                         | CE, UL, CSA, FM                             |

**Fieldbus**

**M12 × 1 Input**

**M12 × 1 Output**

**7/8" Power Supply**


**I/O Module for DeviceNet**  
**8 digital PNP inputs**  
**8 digital outputs 1.4 A**  
**FDNP-S0808H-WW**



**Data in process image**

C1P4: Male Connector 1, 4-pole

IGS: Wire-break/ short circuit - group signal

OGS: Short-circuit - group signal

|               |               | Bit 7 | Bit 6 | Bit 5 | Bit 4 | Bit 3 | Bit 2 | Bit 1 | Bit 0 |
|---------------|---------------|-------|-------|-------|-------|-------|-------|-------|-------|
| <b>Input</b>  | <b>Byte 0</b> | C3P2  | C3P4  | C2P2  | C2P4  | C1P2  | C1P4  | C0P2  | C0P4  |
|               | <b>Byte 1</b> | IGS   | OGS   | -     | -     | -     | -     | -     | -     |
| <b>Output</b> | <b>Byte 0</b> | C7P2  | C7P4  | C6P2  | C6P4  | C5P2  | C5P4  | C4P2  | C4P4  |