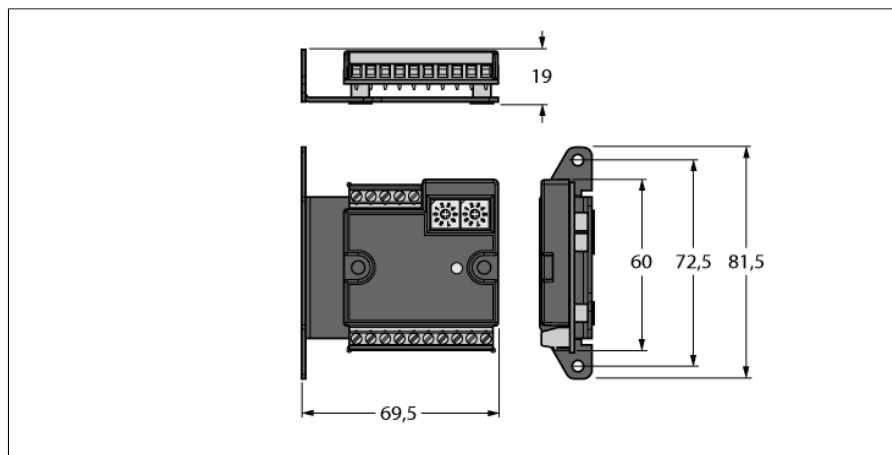


# DeviceNet module

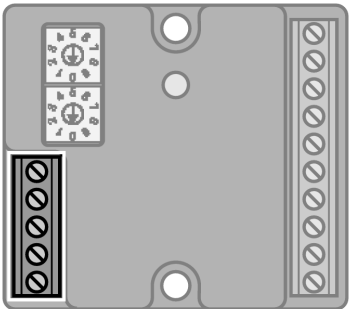
## 4 digital PNP inputs, 4 digital PNP outputs

### FDN20-S0404G-0220

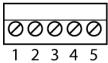


|                               |                                   |
|-------------------------------|-----------------------------------|
| Type                          | FDN20-S0404G-0220                 |
| ID                            | F0220                             |
| internal power consumption    | <75 mA plus I/O supply            |
| Voltage supply via DeviceNet  | 24 VDC                            |
| Admissible range field supply | 11...26 VDC                       |
| Power dissipation, typical    | ≤ 1.2 W                           |
| <b>Inputs</b>                 |                                   |
| Number of channels            | 4                                 |
| Input voltage                 | 11...26 VDC                       |
| Low-level signal voltage      | < 4 V                             |
| High level signal voltage     | 8...24 V                          |
| Low level signal current      | < 0.5 mA                          |
| High level signal current     | 1...3.4 mA                        |
| Max. input current            | Total: 700 mA                     |
| <b>Outputs</b>                |                                   |
| Number of channels            | 4                                 |
| Output voltage                | 18...26 VDC                       |
| Output current per channel    | 0.5 A (from DeviceNet™)           |
| Switching frequency           | ≤ 100 Hz                          |
| Short-circuit protection      | yes                               |
| Fieldbus transmission rate    | 125/250/500 kbps                  |
| Fieldbus address range        | 0...63                            |
| Fieldbus addressing           | 2 decimally coded rotary switches |
| Dimensions (W x L x H)        | 69.5 x 81.5 x 18.5 mm             |
| Housing material              | Nylon                             |
| Ambient temperature           | -40...+70 °C                      |
| Protection class              | IP20                              |
| Approvals                     | CSA general purpose               |

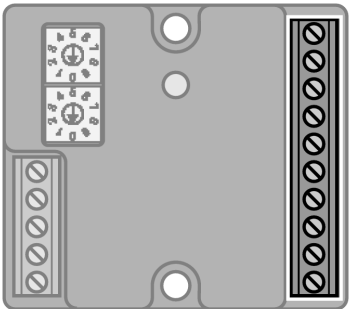
- DeviceNet™ slave
- Screw-clamp terminal block, 5-pin, for DeviceNet™ fieldbus connection
- Rotary coding switch for setting the DeviceNet™ address
- Screw-clamp terminal block, 10-pin, for I/O connection
- Protection class IP20



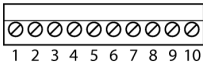
**DeviceNet and Power Supply**  
Fieldbus cable (example):  
CBC5-572-2M (ident no. 6606065) or  
RKC5701-5M (ident no. 6931035)



- 1 = V +
- 2 = CAN<sub>H</sub>
- 3 = SHD
- 4 = CAN<sub>L</sub>
- 5 = V -



**I/O Channels**



- 1 = V -
- 2 = O 0
- 3 = O 1
- 4 = O 2
- 5 = O 3
- 6 = I 0
- 7 = I 1
- 8 = I 2
- 9 = I 3
- 10 = V +