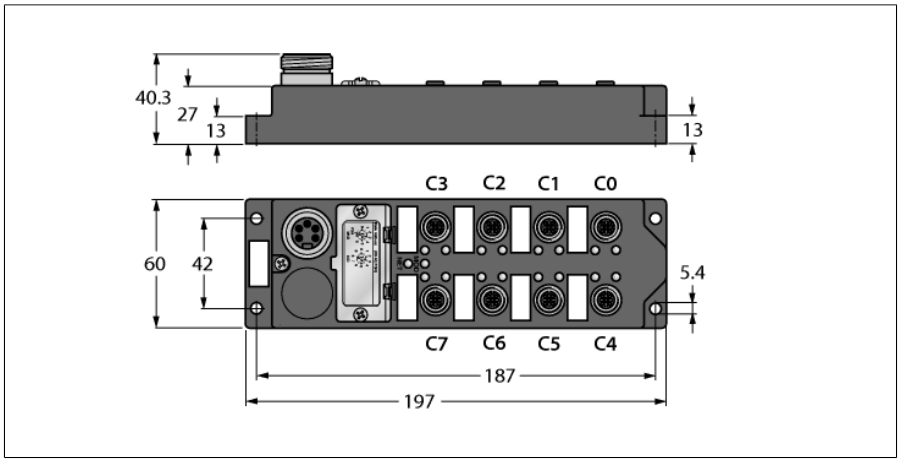
I/O Module for DeviceNet Fieldbus
16 digital pnp inputs
FDNL-S1600-W



- 16 digital pnp inputs
- Short-circuit monitoring
- Module-related diagnostics
- Two channels per connector
- Fibre-glass reinforced PA6 housing
- Vibration and shock-resistant
- Encapsulated module electronics
- Metal connectors
- Degree of protection IP67

Type	FDNL-S1600-W
ID	F0125
Number of channels	16
Operating / load voltage	11…26 VDC
Operating current	< 50 mA
Inputs	
Input voltage	18…30 VDC from operating voltage UB
Supply current	120 mA per port, short-circuit proof
Switching threshold	EN 61131-3 low max.: 1.5 mA / high min.: 2 mA
Input delay	2.5 ms
Switching frequency	≤ 100 Hz
Max. input current	7 mA
Electrical isolation	galvanic isolation against the bus
Fieldbus transmission rate	125/250/500 kbps
Fieldbus addressing	0...63 (decimal) via coded rotary switches
Electrical isolation	to operating and load voltage
Housing material	fibre-glass reinforced Polyamide (PA6-GF30)
Mounting	4 mounting holes Ø 5,4 mm
Ambient temperature	-40…+70 °C
Protection class	IP67
MTTF	341 years acc. to SN 29500 (Ed. 99) 20 °C
Approvals	CE, UL, CSA, FM

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