

TRION-DI-48



- ▶ Isolated digital input module
- ▶ 48 isolated digital inputs (TRION-DI-48)
- ▶ 3 MS/s sampling rate



Module specifications

TRION-DI-48 specifications	
Input channels	48 isolated digital inputs (TRION-DI-48)
Input modes	Digital input (discrete)
Sampling rate	3 MS/s
Input signal characteristic	<ul style="list-style-type: none"> – Compatibility CMOS – Configuration Isolated input – Input low level $U_{IN} < 1.8\text{ V}$ – Input high level $U_{IN} > 3.2\text{ V}$ – Input high current @ 5 V U_{IN} <3.5 mA – Input high current @ 30 V U_{IN} <7 mA – Propagation delay <160 ns – Bandwidth 3 MHz – Overvoltage protection 35 V_{DC} (65 V_{PEAK}) – Isolation voltage (channel-to-channel) 100 V_{PEAK} – Isolation voltage (input-to-chassis) 250 V_{PEAK}
Input connector	2 x 50 pin mini centronics
Sensor power supply (per module)	5 V (600 mA), not isolated
Typical power consumption	5 W
Weight	Approx. 190 g

Tab. 78: Module specifications