TRION-DI-48

DEWETRON

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



TRION-DI-48

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	
– Compatibility	CMOS
– Configuration	Isolated input
– Input low level	UIN <1.8 V
– Input high level	UIN >3.2 V
– Input high current @ 5 V UIN	<3.5 mA
– Input high current @ 30 V UIN	<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. 89: Module specifications