

iDCA

iSI - Intelligent Sensor Interface

Characteristics

- Analog measuring amplifier
- Automatic sensor detection via ISP
- Supports various analog transducers (e.g. strain gauges, load cells, extensometers)
- Compatible with all EDCi devices (EDCI2x/5x/7x)



Analog Input		Excitation	
Input Impedance [GΩ]	>1	Voltage [V]	10
Measurement Range [mv/V]	1.18 - 1200	Current [mA] _{max}	60
SNR (Signal-to-Noise Ratio)	81dB @ 0.1ms 91dB @ 1.0ms 104dB @ 20ms		
Resolution [Bit]	24		
[Points at DoPE Interface]	± 10.000.000		
Linearity [%]	0.01 - 0.025		
Product-Nr.	1000648		

www.doli.de

DOLI Elektronik GmbH
Rudolf-Diesel-Straße 3
72525 Münsingen
Telefon +49 (0) 89 202430

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