

Tabelle1

Viplax-I		Viplax-II
1, 2, 5, 10, 20, 50, 100	Analog input Input Voltage range +/-[V]	1,2,5,10
14 Bit 10Msps > 65dB +/- 2.5LSB +/- 1LSB > 12.2 (typ.)	A/D-Converter section A/D-Resolution Maximum sampling rate Signal to noise ratio Integral Linearity error Differential Nonlinearity Effective number of Bits	14 Bit 65Msps >73 dB +/- 1.4LSB +/- 0.7 LSB > 12.1 (typ.)
14 Bit 125Msps >75 dB +/- 2.5LSB +/- 1.5LSB	D/A converter section Resolution Maximum sampling rate Signal to noise ratio Integral Linearity error Differential Nonlinearity	14 Bit 125Msps >75 dB +/- 2.5LSB +/- 1.5LSB
10Msps 10Msps 2.0MHz 2.5us	Digital signal processing A/D sampling rate D/A sampling rate System Bandwidth (3db) Signal latency	65Msps 65Msps typ. 10.0MHz 400ns (typ.)
200MHz 1300nm 50um/62.5um multimode ST 1000m	Fiber optiic link Bitclock Opticale wave length Fiber type Connector type Maximum transmission length	850nm 50um multimode duplex LC duplex 300m
+/-10V@100Ohm +/-5V@50Ohm	Analog output Voltage output swing channel 1 Voltage output swing channel 2	+/-10V@50Ohm None.
	Features	
x	Window comparators	-
x	Battery supervision	x
x	A/D overflow detection	x
x	LED signaling	x
x	Adjustable gain settings (no remote)	-
-	Remote adjustable gain settings	x
-	Unique series number	x
x	Version control	x
-	Calibration feature	x
x	USB-interface	-