


Analog-Digital-Module

Description	Model*	Page
ADM	<u>ADMx01</u>	223

*if you need detailed information, please contact us!



ADMx01	Description		Analog-Digital-Module, 1ch-6ch	
	Input A (FS)	mV-V	±9..±2,4	(Full bridge, half bridge, voltage diff.)
	Input B (FS)	V	4,8	
	Sensor feed-in	V	5,0	Max. 90 mA (optional 4,8 V)
	Supply voltage	V	5,1-6,0	(optional 4,9-6,0 V)
	Current consumption (1ch)	mA	5,0-25	Depending on configuration and operating type (without load)
	TEDS-memory capacity	kByte	8,0	
	TEDS-mode		DTI compatible, IEEE1451.4, Dallas	
	Shunt functionality		Both polarities offset or periodic	(progr. function)
	Analog output A	V	±2,4	Amplified sensor signal
	Analog output B	V	0-4,8	Via D/A-converter
	Sampling rate	kHz	20-100	
	AA-filter	kHz	4,0	(-3dB), 4 Pole
	Resolution	Bit	≥ 16	
	Error curve linearization		Any error curve linearization programmable	
	Interface		RS485 and DTI compatible mode	
	Bus termination	Ω	120	Programmable (on/off/auto)
Temperature range	°C	+15..+30		
Mechanical sizes	mm	ADM101 (1ch): 13 x 9 x 3 ADM201 (2ch): 13 x 10 x 6 ADM301 (3ch): 13 x 10 x 9 ADM401 (4ch): 13 x 10 x 12 ADM501 (5ch): 13 x 10 x 15 ADM601 (6ch): 13 x 10 x 18		