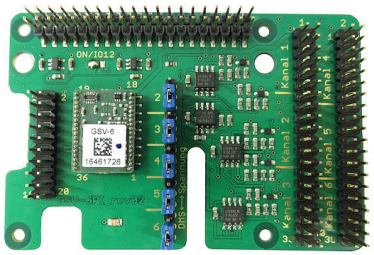
Measuring amplifier GSV-6PI Shield

Item number: 10033



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Stand: 10.09.2026

Technical Data

Basic Data		Unit
Dimensions	85 mm x 57 mm x 18 mm	
Housing	Circuit board	
Connection type	Pin header	
Number of channels	6-channel	

Input analog		Unit
Number of analog inputs	6	
input sensitivity-stepsless from	0.1	mV/V
input sensitivity-stepsless to	8	mV/V
Input resistance strain-gauge-half- /quarter-bridge	120 | 350 | 1000	Ohm
Input voltage from	1	V
Input voltage to	10	V

Output analog		Unit

Accuracy data		Unit
Accuracy class	0,1%	
Temperature effect on the zero point	0.05	%FS/10°C
Temperature effect on the measuring sensitivity	0.01	%RD/10°C
Resolution	16	Bit

Measuring frequency		Unit
Data frequency from	10	Hz
Data frequency to	300	Hz
Sampling frequency	50	kHz

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Supply		Unit
Supply voltage from	5	V
Current consumption from	80	mA
Strain gauge bridge supply	3	V

Interface		Unit
Type of the interface	UART	
Quantity of the interface	1	

Zero Adjustment		Unit
Type	Software	

Environmental Data		Unit
Rated temperature range from	0	°C
Rated temperature range to	45	°C
Operating temperature range from	-20	°C
Operating temperature range to	60	°C
Environmental protection	IP66	

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