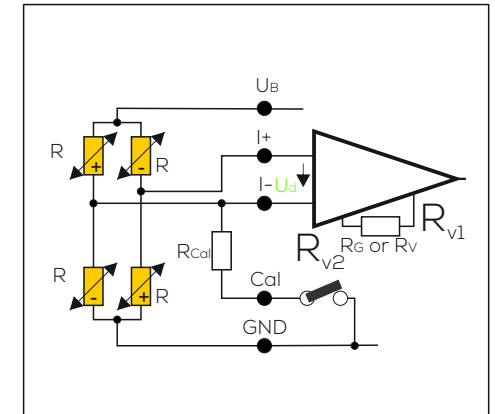
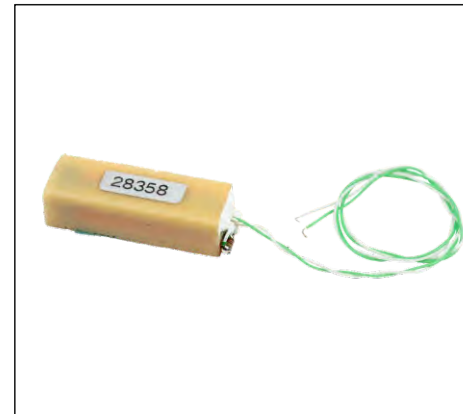
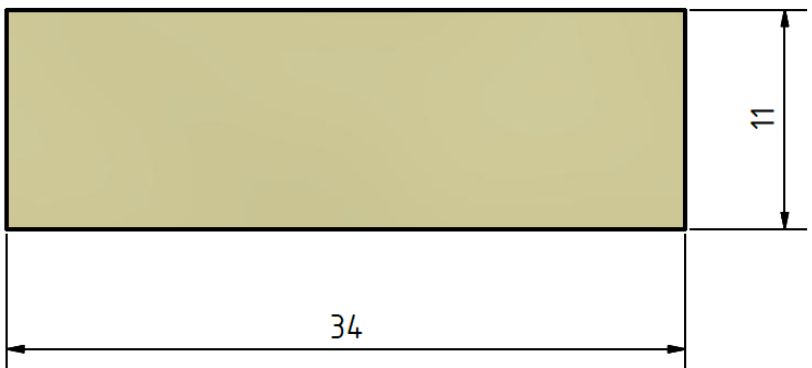


Miniatur Sensor Signal Amplifier Type 7a (Flatchip)



1 Channel PCM Transmitter

For strain gage, PT100, thermocouple

Sensitivity: 0.02 mV/V to 20 mV/V

Bandwidth: 0 (10) Hz to 50 kHz

Strain gage bridge supply: 3.3 V

Strain gage bridge resistance: 350 (120, 1000) Ω

Transmission: inductive sensor telemetry PCM

Integrated filter

Resolution: 16 Bits

Zero point drift: 0.02, (0.01, 0.003 option)

Remote shunt calibration

Remote gain, zero, auto zero with 16 Bit resolution

Additional temperature channel (option)

Environmental temperature range: -25 to +85°C (125°C, 160°C)

Max load: 50 000 g (depending on fixing)

Type: SV_7a_<accuracy>_<temp>_<mod>_<bandwidth>_<rmc>_<TC>

0.02	85	1 kHz	-		
0.01	125	PCM16	10 kHz	R	TC
0.003	150	50 kHz			
160					