

OUTLINE DRAWING

MAIN PARAMETERS

Rate range	350 deg/s
Scale Factor (SF)	4.4 mV/deg/s
Frequency range	0...1000 Hz
Noise (PSD)	0.005 mV/√Hz
Bias variation (steady state)	0.02 mV (RMS)
SF variation (steady state)	0.1 % (RMS)
Readiness time	0.02 s

ENVIRONMENT

Temperature operating	- 55°C ... + 60°C
non-operating	- 60°C ... +85°C
Vibration non-operating	6 g (RMS), 20Hz... 500Hz
Shocks non-operating	90 g, 1 ms

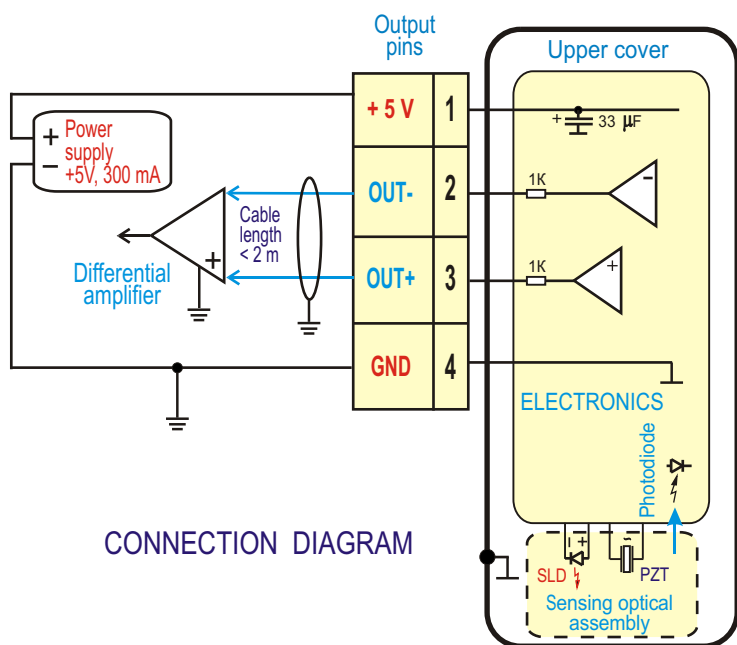
RELIABILITY

MTBF	20000 hours (20°C, predicted)
Lifetime (predicted)	15 years

Output contacts (wires)

Contact	Name	Description
1	+ 5 V	Power input +5V ± 0.25V, 200mA max, ripple 10mV max within 0-1MHz
2	OUPUT -	Analog output (~ - 2.2 mV/ °/s), 1V biased to "GND" *
3	OUPUT +	Analog output (~ + 2.2 mV/ °/s), 1V biased to "GND" *
4	GND	Power return line, ground, electrically connected to the sensor's cover

* - sensor's output is a difference between the voltages at 3 and 2 contacts



CONNECTION DIAGRAM

1. Ω - sensing axis, 90° ± 1° to the reference plane
2. Dissipation - 1 W
3. Weight - 50 gram (approx.)
4. Volume - 0.06 litre
5. Housing material - plastic
6. Undisclosed tolerances - 0.5 IT14

MOUNTING AND CONNECTING

1. Do not deform housing and output pins
2. Fragile components inside - no shocks, no drop
3. Treat as electrostatic sensitive unit
4. Power must be off during connecting
5. Installation: by tightening (< 1 kg) to mounting surface