

Using breakthrough technology,
we aim for products that will create new markets.

New Product News

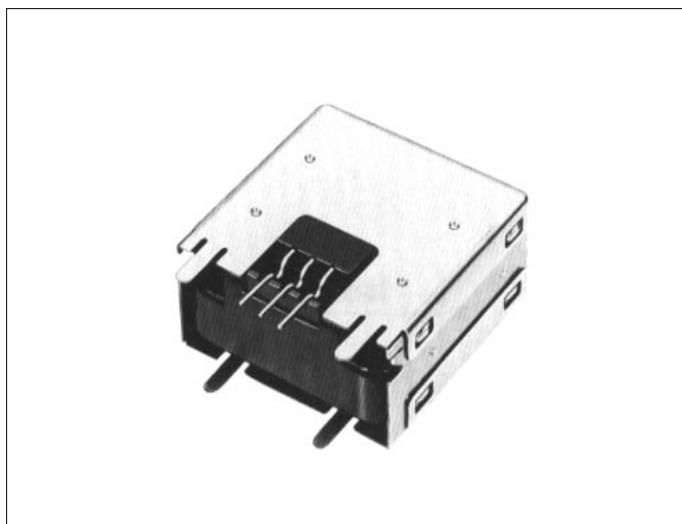
The most small-size and most light-weight in the industry / Wider product line

Car electronics Safety Sensor

Angular Rate Sensors

Industry/Field: Car electronics / Industrial equipment / Amusement

Recommended Car-navi, attitude controls for industrial equipment's.



• Development goals:

It corresponds in the smallness and making an angular rate sensor a low price to the suddenly expanding car navigation market.

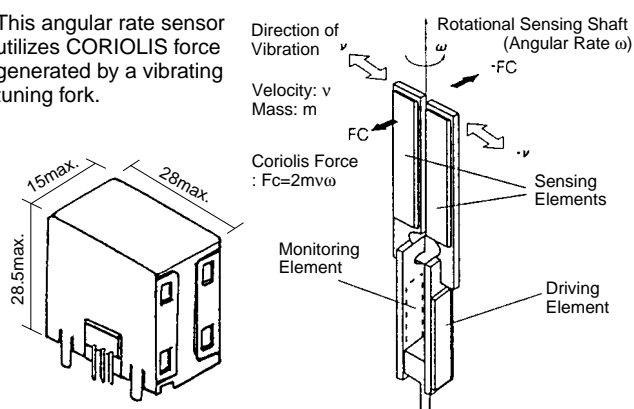
• Features:

- ① Compact angular rate sensor due to tuning fork
- ② With the adoption of newly developed small IC, it is most small-size and most light-weight in the industry
- ③ There are two types, on board and fixed chassis

• Number of industrial property rights: 7

• Structure/external appearance:

This angular rate sensor utilizes CORIOLIS force generated by a vibrating tuning fork.



• Characteristics/specifications:

■ Ratings

• Electrical Characteristics

Items	Specifications
Operating Temperature Range	-30 to +80°C
Supply Voltage Range	5±0.25V
Zero Point Voltage(-40 to +80°C)	2.5±0.4V
Sensitivity	25mV/deg/s
Frequency Response(7Hz)	>-7dB
Output Voltage Range	0.3 to 4.7V
Output Noise	<10mVp-p

• Applications/usage examples:

- Car navigation systems
- Industrial equipment
- Game machine

• Explanation of part numbers:

1	2	3	4	5	6	7	8	9	10	11	12
E	W	T	S								
Product code				Series		Custom Code			Reference		

Circuit

