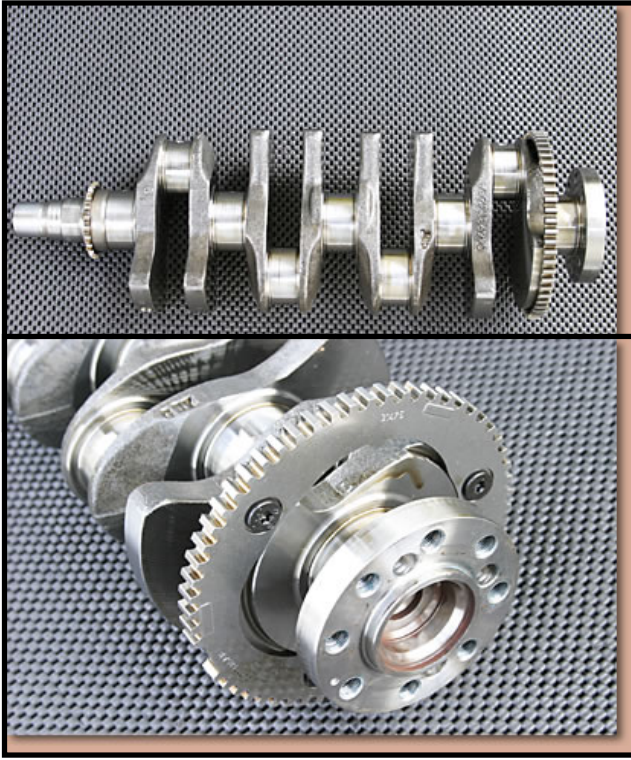


# VIBRATION / TEMPERATURE

## Measurement on Crank Shafts



The ATCOM TELEMETRY System product was developed especially for the non-contact transmission of measurement data on moving objects in mechanical engineering.

### System Specifications:

**Measurement of tangential radial and axial vibration on torsional vibration dampers**

|                                       |                                   |
|---------------------------------------|-----------------------------------|
| <b>Sensor</b>                         | piezo sensors / thermocouple      |
| <b>Normal operational temperature</b> | -30°C to +85°C (optional 125°C)   |
| <b>Signal bandwidth per channel</b>   | 2000 hz ( optional 10 000 Hz)     |
| <b>Weight</b>                         | 15g (including cable)             |
| <b>Operational temperature</b>        | -40°C to +85°C (optional +125°C ) |
| <b>Output</b>                         | 0-5Volts 0-10 volts               |
| <b>Environmental</b>                  | IP55                              |
| <b>Case</b>                           | Aluminium                         |
| <b>Dimensions</b>                     | O18 x 22 mm                       |

**wireless :**

|                               |                   |
|-------------------------------|-------------------|
| <b>Transmission RF</b>        | digital PCM – FSK |
| <b>Transmission power</b>     | 1 mW max          |
| <b>Line-of-sight distance</b> | 0 to 20 mm        |