Telemetry Application Examples
TEL1-PCM

Caution: No kind of metal objects close to this area!

TEL1-PCM telemetry application
“Drive shaft from a wheel loader”
Telemetry Application Examples

**TEL1-PCM**

- Inductive Powerhead with 5m cable
- TEL1-PCM-DEC
- Mounting tape 25mm and 50mm, Length 50 meter
- Ferrite tape 30mm x 3 meter (Isolate magnetic field between shaft and coil)
- CU wire 0.5mm for coil

- DC Power cable
- TEL1-PCM-STG ENCODER
- Hexagon key to activate the OLV and AZ switch
- Screw driver to set the gain
Telemetry Application Examples
TEL1-PCM

Digital data transfer & Inductive powering

Distances up to 5-25mm (Optional 35mm)

Ind. Pwr. Coil 5-18 Wdg CU 0.5 d
Telemetry Application Examples

TEL1-PCM

Drive shaft of ship engine
Telemetry Application Examples

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Torque measurement drive pipe-shaft
Telemetry Application Examples
TEL1-PCM
Torque measurement of large gears drive shaft
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Drive shaft of earth-moving equipment
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Drive shaft of earth-moving equipment
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Drive shaft of windmill
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Force measurement at railway wheel axis
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Drive shaft of hydropower plant
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Drive shaft of gear test bend
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Force measurement of car belt pulley
Telemetry Application Examples

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Temperature measurement of bearing