

Telemetry Application Examples

Measurements on rotating wheels



- Temperature measurements of brake disks
- Temperature measurements of tires
- Vibration measurements of wheels
- Force and strain measurement of wheels

Telemetry Application Examples

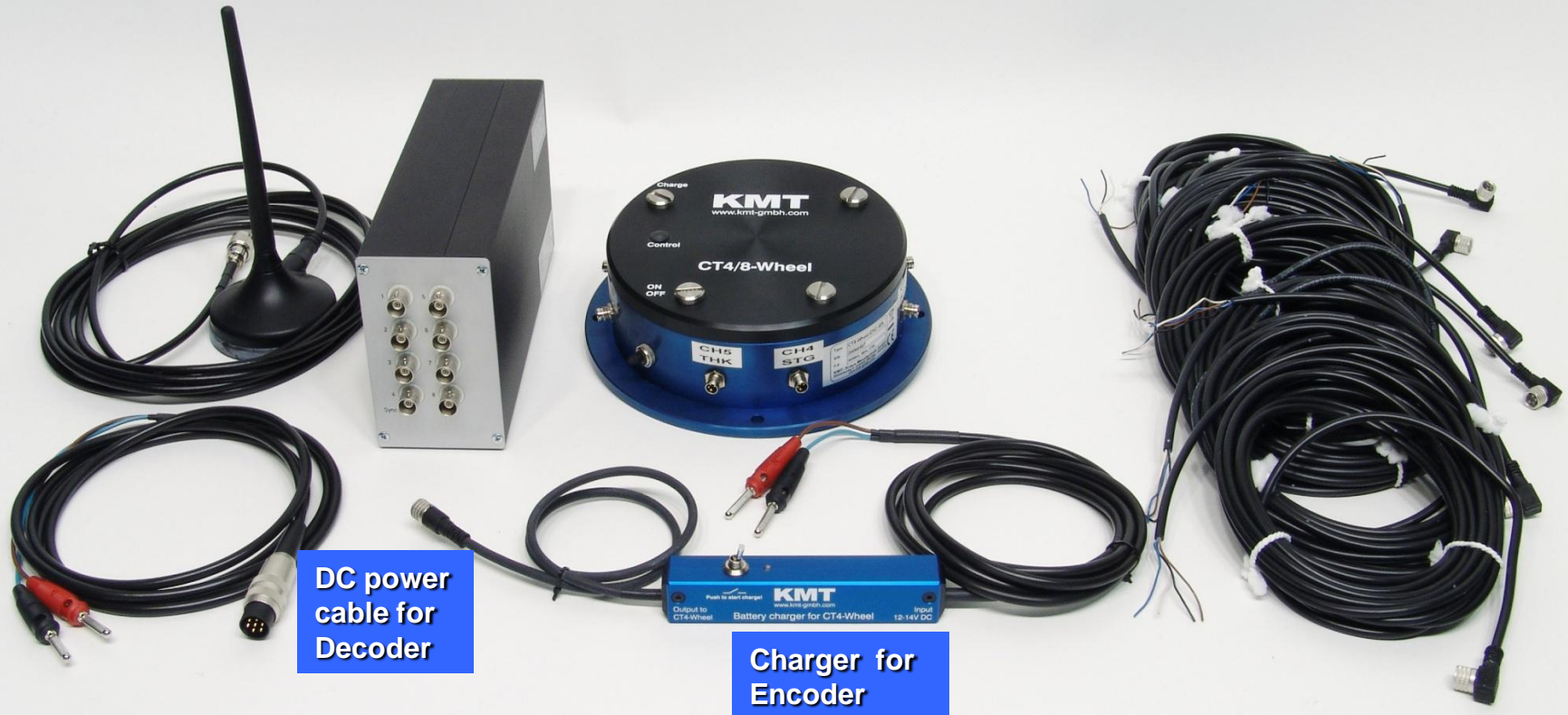
Measurements on Rotating Wheels

Receiving antenna

Receiver / Decoder

Transmitter/ Encoder

8x Sensor cables



DC power
cable for
Decoder

Charger for
Encoder

Example of a CT8-Wheel SET

Telemetry Application Examples

Measurements on Rotating Wheels



Temp. of tire in test rig



Temp. of car brakes disk

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Measurements on Rotating Wheels



Temp. of truck brakes disks



Force of truck wheel

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Measurements on Rotating Wheels



Vibration test from racing car wheel at high speed of 300km/h (Porsche)

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Measurements on Rotating Wheels



Vibration test from racing car wheel

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Measurements on Rotating Wheels



Vibration test with new diversity telemetry (two receiving antennas)

Telemetry Application Examples

Measurements on big electric motor



Temperature & force measurement inside of electric motor (railway)

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Measurements on Rotating Wheels





Temperature from
aircraft brakes disks



Telemetry Application Examples

Some CT-Wheel references

	Audi		DaimlerChrysler		MICHELIN
	ALCOA		DUNLOP		PORSCHE
	BERU		EMBRAER		RENAULT
	BMW		GOODYEAR		SIEMENS-VDO
	BOMBARDIER		KNORR-BREAKS		WTD- German military testing institute
	Continental-TEVES		MAN Trucks		VOLVO

Thank you for your attention!

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