

Technical data

D ^x -BrakeTemp	
Accuracy	±1K
Temperature range	-10 °C to +60 °C
Sensor inputs	3 or 6 thermocouples type J or K per wheel
Sampling rate	Up to 200Hz per channel with 3 channels per wheel
Measurement range	Type K: to 1300°C Type J: to 1200°C
Resolution	16 bit
Dimensions	Height: approx. 50 mm Diameter: approx. 100 mm
Mounting on the wheel	Collets on the wheel bolts
D ^x -Telemetry Transmitter Unit (SCT)	
Transmission frequency	D ^x : 13 frequencies in the 868-MHz-Band D ^x -HT: 17 frequencies in the 2.4-GHz-Band
Sampling rate	Max. 4.6/5.0 kHz per channel (868-MHz-/2.4-GHz-Band)
Resolution	16 bit
Synchronized measurements	Up to 4 D ^x -BrakeTemp sensors (4 wheels)
Ingress protection rating	IP 68
Power voltage	Battery with 40 h operation time
Transmission power	Max. 10 dBm
D ^x -Telemetry Receiver Unit (RCI)	
Antenna inputs	2 independent receivers in diversity mode
Display	2.83 inch color display, 320 x 240 px
Auto-zero	Remote controllable
CAN interface	CAN 2.0b acc. to ISO 11898, max. 1 MBaud

Dx-BrakeTemp: Wireless brake disk/tire temperature measurementTechnical Data Sheet

Analog output	6 BNC sockets
Configuration	Up to 4 D ^x -BrakeTemp
Power voltage	9-36 Volt DC
Temperature range	-20 °C to +65 °C
Dimensions	Approx. 170 x 130 x 53 mm (without antenna)
Weight	Approx. 0.8 kg