

Aero Engine & Turbomachinery Telemetry

Data at a glance :

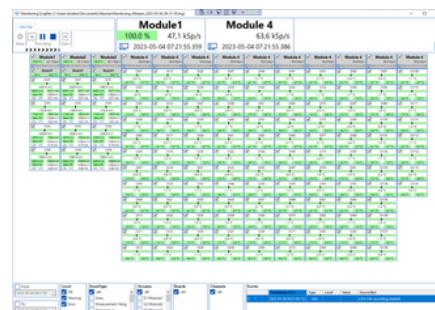
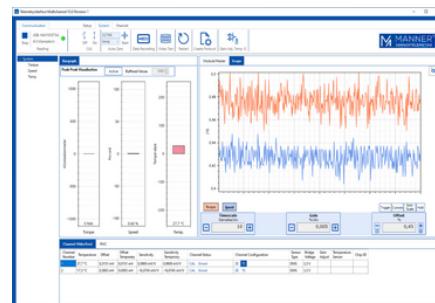
- Up to 170°C (338°F) temperature resistant
- Up to 256 simultaneous channels
- Up to 200 kHz sample rate @ 16 bit resolution
- Fully digital transmission
- Fully remotely adjustable
- Real-time telemetry health monitoring

- Modular & flexible for in-situ measurements
- Miniaturized by ultra-high package density engineered to the customer's needs
- Analysis Software engineered by MANNER
- APEX Software interface

System Setup / Monitoring / Data Analysis & Acquisition

- System setup
- Acquisition of data
- Monitoring the health data of the telemetry system
- Monitoring the health data of the sensors, identifying
 - Open lines
 - Shortcut lines

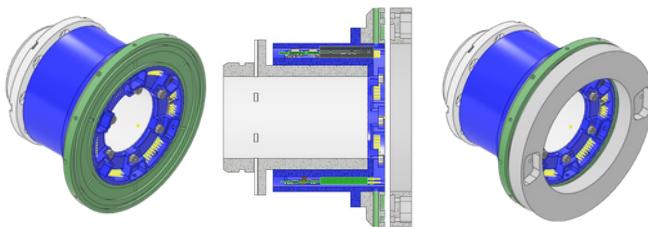
- Defining trigger values for alerts
- Data around the alert will be recorded to be able to investigate later
- Realtime analyzing tools like
 - FFT
 - Waterfall Charts
 - Oscilloscope
 - Bargraph
 - xy-Diagram
 - Order Diagram



Exampsels

AXIAL:

Axial coupler configuration
Flexy System with exchangeable modules



RADIAL:

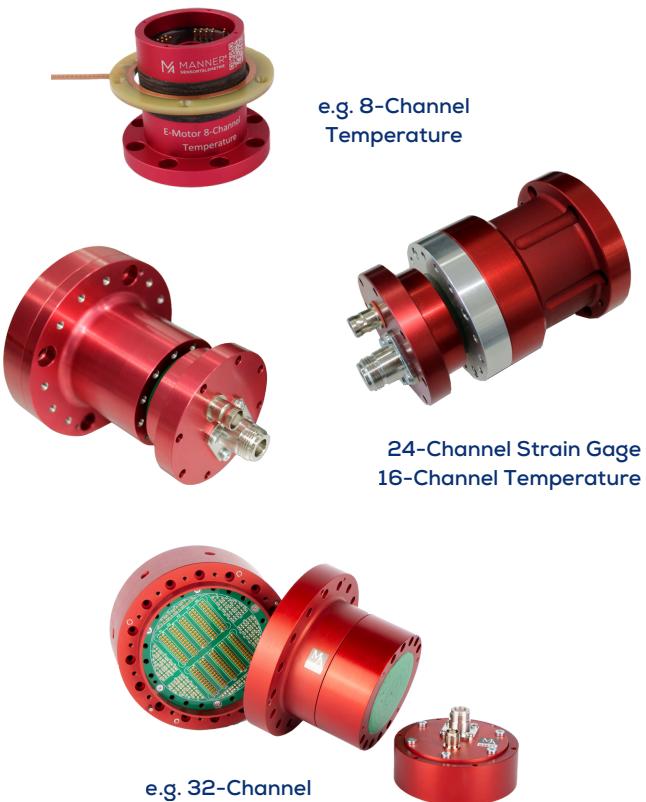
Radial coupler configuration
Flexy System with exchangeable modules



Examples End of Shaft Solution

ALUMINIUM VERSION

Available up to 64 Channels



TITAN VERSION

Available up to 64 Channels



Outstanding - "There is no Mission Impossible for MANNER!"



MANNER Sensortelemetrie GmbH

Eschenwasen 20, 78549 Spaichingen

Tel. Nr.: +49 7424 93290 Email: info@sensortelemetrie.de

