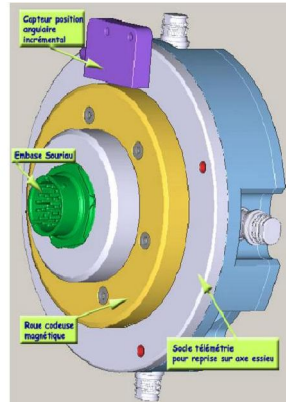


## ATE 12/24 channel telemetry RAILWAY WHEELS (encodeur option)



Option encodeur



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

**Applications :** telemetry for railway wheels ( thermocouple / strain gages )

### System Specifications (2, 4 or 6,12,24 channels thermocouple type K/strain gages sensors ) :

<b>Sensor</b>	Strain gage or thermocouple type K
<b>Temperature measurement range</b>	-40°C to +1200°C
<b>Temperature resolution</b>	1°C
<b>Temperature accuracy in normal temperature range</b>	±1°C
<b>Housing</b>	water resistant (IP55, optional IP65)
<b>Static acceleration</b>	400g
<b>mode transmission interval</b>	Ver type K (Configurable)
<b>Bandwith</b>	4000 samples/s/channel
<b>Antenna configuration</b>	1 to 4 antennas dependant
<b>Weight</b>	675 gr (version 24 channel)
<b>Operational temperature</b>	-40°C to +85°C (optional +125°C )
<b>Analogue outputs - ECU to logger</b>	24 x 0 to 5V temperature signals
<b>Ful Scale Output</b>	-5/+5V or 0-10V or 0-5V
<b>9 – 18 Volt supply range</b>	
<b>Transmission RF</b>	digital PCM – FSK
<b>Transmission power</b>	5 mW
<b>Line-of-sight distance</b>	10 M