

TYRE Temperature measurement (Multi-channel)



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

System Specifications (2, 4 or 6 channels thermocouple type K) :

Temperature measurement range	-40°C to +400°C
Temperature resolution	1°C
Temperature accuracy in normal temperature range	±1°C
Normal operational temperature	-40°C to +130°C
Extended Operational temperature	+130°C to +150°C
mode transmission interval	1 second (Configurable)
Antenna configuration	1 to 4 antennas dependant
Weight	33g (optional 16g)
Operational temperature	-40°C to +85°C (optional +125°C)
Analogue outputs - ECU to logger	4 x 0 to 5V temperature signals
Ful Scale Output	0/+5V or 0-10V
9 – 18 Volt supply range	
Transmission RF	digital PCM – FSK
Transmission power	5 mW
Line-of-sight distance	10 M