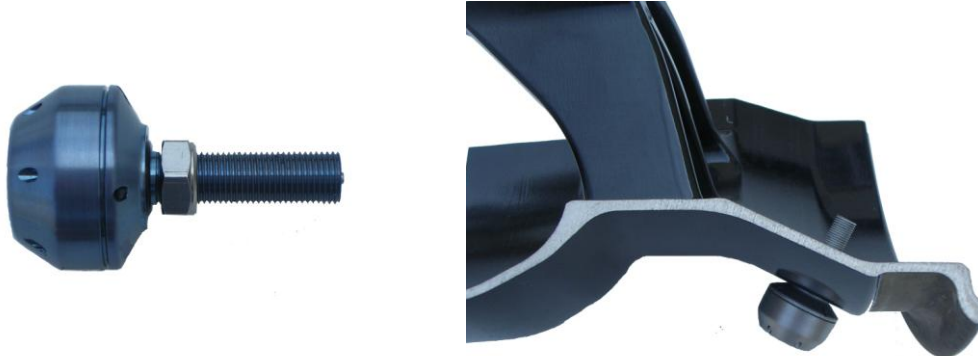


WT Model Tyre Pressure & Temperature Transmitter VS8V1



A tyre pressure and temperature sensor which has been specially adapted for installation on wind tunnel model pneumatic tyres. The TPMS sensor has a low pressure range with very high resolution and accuracy as required for monitoring WT model tyres. The sensor is suitable for use on 50% scale wheels and provides reliable measurement at high speeds.

Pressure measuring range	0..0.4bar* (0..5.8psi)*
Measuring resolution	2mbar (0.03psi)
Pressure accuracy	+/- 1%
Temperature measuring range	10..155°C
Resolution	1°C
Housing	Titanium
Weight	25g
Transmit rate	Adaptive (see text) up to 2Hz
Battery	High-temp Lithium Thionyl cell
Battery Life	Up to 1,500,000 Transmissions
Radio Frequency	433.92MHz
RF Emission category	MPT1340, ETS 300-220
Typical TX range	20m (free space)

Operating modes

Operation and transmit rates can be defined at time of order, these may be defined by both pressure and temperature thresholds

- Active mode – Customer specific
- Power save mode – Customer specific
- Sleep Mode – Customer specific
- Battery life:>1,500,000 transmissions

Ordering Information: **Order Code** **Description**
 301200202 TMS valve sensor 8V1 (0.4bar*)
 *Other ranges available on request

Further information: Contact us to discuss bespoke sensor designs