

ENGINE

Inductive Speed



from 8mm diameter

Crank/Cam speed

- Inductive speed sensors
- Many different mounting arrangements, bespoke parts available
- Operating temperature range -10 to 200°C

Fluid Temperature



Pt1000

Engine oil/fuel/water temperature

- Pt1000 sensing element
- Accurate measurement, fast response
- Pt100 and NTC available upon request
- Operating temperature range -25 to 200°C

Pressure Sensor



0-5V output

Engine oil/fuel/water/pneumatic pressure

- All media amplified pressure sensors
- Pressure ranges from 5 to 250bar
- Various mounting options (M6 standard)
- Operating temperature range -20 to 175°C

Rotary Position



Hall Effect

Throttle Barrel position

- Non contact rotary Hall effect
- Contactless sensing technology to reduce wear
- Available as complete package or with sensing head separate for remote sensor mounting
- Operating temperature range -40 to 150°C

Barometric



Air box pressure

- Single channel barometric pressure module
- Pressure range 700m to 1200mBar
- Operating temperature range -40 to 125°C

ENGINE

Combined baro/temp



0-5V & Pt1000 output

Air box temperature/pressure

- Stand alone air temperature sensor or combined single channel barometric and temperature module
- Pt1000 sensing element
- Operating temperature range -25 to 125°C

Fire detection



Air box fire detection

- Fire detection sensor
- Uses photo diode
- Operating temperature range 0 to 100°C

Lambda (UEGO)



Air/fuel mixture

- Lambda (UEGO) probes
- Measure a wideband air/fuel mixtures with a lambda range 0.69 to 2.06
- Operating temperature range 25 to 900°C

Exhaust Gas Temperature



Exhaust temperature

- K type thermocouple
- Various lengths available
- M8 mounting
- Operating temperature range 0 to 1200°C

Alternator



Permanent Magnet

Permanent Magnet Alternator

- Output up to 60A @ 13.5V
- Companion remote mounted voltage regulators available
- Operating temperature dependent on installation

Further details of these and other products within our range are available on our website and in our printed catalogue. Design and manufacture is in-house, so cost-effective customised parts are readily available to suit your specific installation requirements. Our track support engineers and our customer support team will be happy to discuss application of these parts to meet your objectives and will be able to provide quotations on request.

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