FAE

WE DEVELOP CUSTOMIZED ELECTRONIC SENSOR SOLUTIONS

EGTS - EXHAUST GAS TEMPERATURE SENSOR

NTC/PTC technology

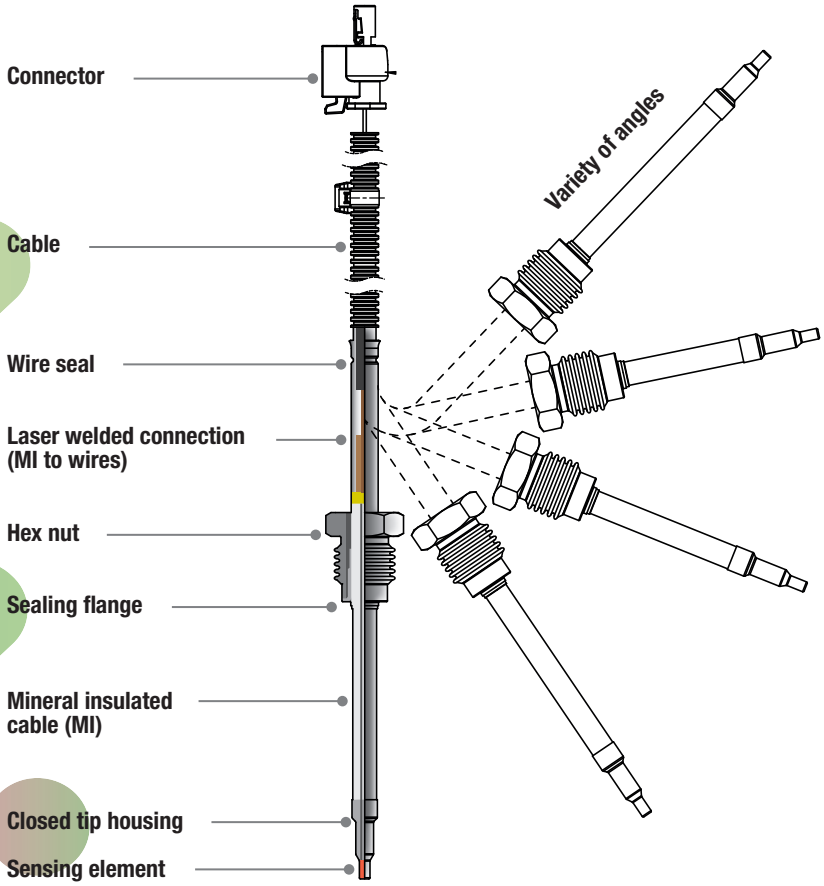

68021


68009


68028

+115 PART NUMBERS | **+6k** APPLICATIONS | **+100M** VIO

FAE's EGTS (Exhaust Gas Temperature Sensor) accurately measures exhaust gas temperature, converts it into a voltage signal, and transmits it to the engine control unit (ECU), enabling optimal engine performance management and effective emissions reduction. In petrol engines, the sensor acts as a critical protection component: when temperatures rise excessively, the ECU intervenes by reducing boost pressure. In diesel engines, the EGTS is essential for DPF (Diesel Particulate Filter) management, providing precise data to control regeneration cycles properly. Its single-tube design reduces overall volume, while the encapsulated thermistor sensing element ensures fast and reliable response. It is also engineered to withstand engine vibrations and operates within a wide measurement range, from –40°C to 850°C, making it a robust, accurate, and reliable solution for the demands of modern engines.



Ref. 68002



Volkswagen
Tiguan 2.0 TDi 4motion

Ref. 68627

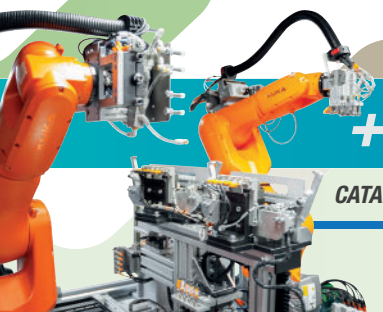


Ford
Ranger 3.2 TDCi

Ref. 68001



Volkswagen
Golf V 1.9 TDi



+11 CATALOGUES | **+75** YEARS | **+180M²** ESD ROOM | **+1000M²** CLEAN ROOM | **+5.000** PART NUMBERS | **+12.000M²** BARCELONA

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