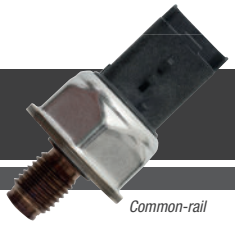
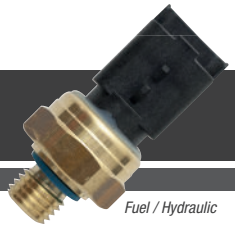
FAE

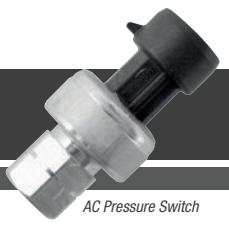
WE DEVELOP CUSTOMIZED ELECTRONIC SENSOR SOLUTIONS

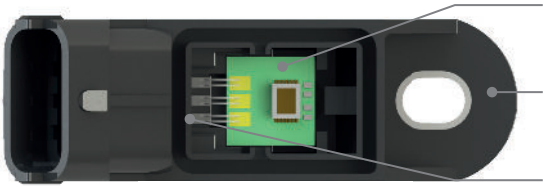
PRESSURE SENSOR

+200 PART NUMBERS | **+25k** APPLICATIONS | **+120M** VIO


15601
Common-rail


15611
Fuel / Hydraulic

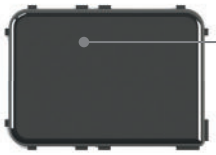

15800
AC Pressure Switch



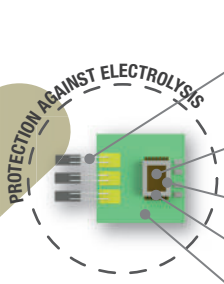
Sensor
OEM manufacturing.
Programmable.

Body
In-house design and manufacturing.
OEM quality.

Terminals
Nickel-coated: better connectivity, less corrosion.



Cover
In-house design and manufacturing.
OEM quality.



Bonding
Made of aluminium; enhances connectivity, mechanical strength, and stability.

Electronic circuit
Conditions the signal into a valid, interference-free one for the ECU.
Programmable.

Die protector
Protects the chip from potential shocks and vibrations.

Silicone gel
Protects the circuit from external agents.

Ceramic plate
High-resistance ceramic substrate with effective heat dissipation.

These sensors measure pressure and transmit the information, in the form of an electrical signal, to the control unit (ECU). FAE has developed an industrial system capable of protecting its pressure sensors against electrolysis, unlike its competitors.

There are several types:
Intake manifold
Boost pressure
Brake servo

Replacing the MAP sensor improves fuel consumption and optimises the performance of other sensors, helping to control emissions.
Failure of this sensor can lead to excessive fuel consumption, starting difficulties, power loss, or black smoke. The most common causes include deterioration of hoses, cables, connectors, corrosion, or internal leaks.

Ref. 15040
VIO 2.28 M

Toyota
Prius 1.8 Hybrid

Ref. 15205
VIO 2.15 M

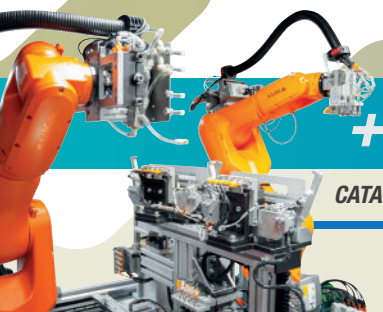
Honda
Civic VIII 1.8

Ref. 15145
VIO 1.32 M

Fiat
500 1.2

Ref. 15118
VIO 1.18 M

Kia
Rio II 1.4



+11 CATALOGUES | **+70** YEARS | **+180M²** ESD ROOM | **+1000M²** CLEAN ROOM | **+5.000** PART NUMBERS | **+12.000M²** BARCELONA

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