

Electronic Throttle Body



54 mm
60 mm
68 mm
82 mm

Features

- Many bore diameters available
- Throttle position sensor is redundant
- For flex-fuel, CNG, LPG
- Idle default position

The throttle body is designed to control the fresh air of spark ignition engines in combination with an electronic throttle control system. ETB applications with flex-fuel, CNG and LPG are permissible if injected in the air flow after the throttle body.

A typical ETC system includes the following components: electronic throttle body, accelerator pedal module and electronic control unit.

You will find the available bore diameters in the variations table.

Application

Temperature range	-40 to 140°C
Max. vibration	50 to 250 m/s ² at 50 Hz to 2 kHz

Technical Specifications

Mechanical Data

Available bore diameters	32 mm
	40 mm
	44 mm
	46 mm
	50 mm
	52 mm

Electrical Data

Supply voltage	6 to 16 V
Supply voltage sensor	5 ± 0.2 V
Max. allowed generator current	<10.0 A

Characteristic

Output signal I	0 to 5 V for 0 to 90°
Output signal II	5 to 0 V for 0 to 90°

Connectors and Wires

Various motorsport and automotive connectors are available on request.

Please specify the required wire length with your order.

Installation Notes

For correct mounting please respect the hints on the next page "Mounting position".

The ETB can be connected directly to control units with ETC functionality.

Please find further application hints in the offer drawing at our homepage.

Two redundant sensors control the up to date throttle position.

All ETBs have an idle air position.

Ordering Information

Electronic Throttle Body 32 mm

Order number **0 280 750 148**

Electronic Throttle Body 40 mm

Order number **0 280 750 149**

Electronic Throttle Body 44 mm

Order number **0 280 750 137**

Electronic Throttle Body 46 mm

Order number **F 02U V01 171-01**

Electronic Throttle Body 50 mm

Order number **0 280 Y05 107-10**

Electronic Throttle Body 52 mm

Order number **F 02U V01 184-01**

Electronic Throttle Body 54 mm

Order number **0 280 750 150**

Electronic Throttle Body 60 mm

Order number **0 280 750 151**

Electronic Throttle Body 68 mm

Order number **0 280 750 156**

Electronic Throttle Body 82 mm

Order number **0 280 750 101**