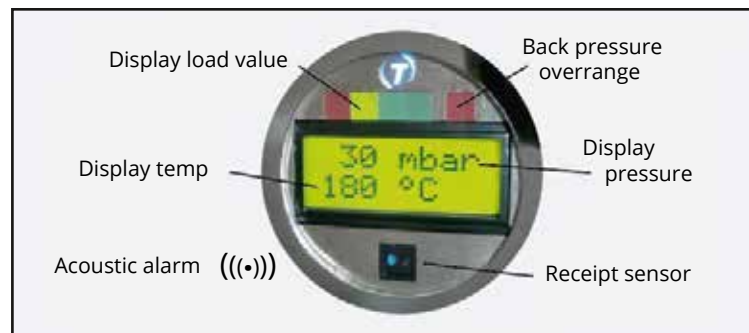


# PTL filter monitoring

The PTL filter monitoring is especially developed for constant function monitoring of diesel particulate filter systems. The electronic device measures the exhaust temperature as well as the back pressure ahead of the filter. To suit each vehicle type and effort, additionally a measuring probe for recording the number of revolutions can be connected. By the default option the displaying of the operating states take place via a three-tone LED, which is installed in the cockpit of the vehicle or rather engine. Possible malfunctions as well as the load status of the particulate filter are able to be recognized immediately and can be eliminated if necessary by the driver.

Whichever the customer prefers, the PTL filter monitoring is able to be equipped with further display screens. Under "Options" below, you can find closer details. As standard feature the device is equipped with an memory module which records all measured operating data (temperature, back pressure, revs, alarm indicator) in freely selectable intervals. The whole electronic is built-in an IP 65, aluminium die-cast housing, and therefore suitable for an assembly in the engine compartment or external undeveloped land.



## AT A GLANCE:

|   |   |
|---|---|
| Connection to the On-board system:              | 12 – 35 V DC  |
| Measurement range PRESSURE/TEMPERATURE:         | 0-400 mbar / 0-800°C  |
| Measurement interval / memory interval default: | 1 second / 10 seconds   |
| Alarm value setting:                            | Programmable via software   |
| Anzeige 3-Farben LED                            | <p><b>Yellow indicate: back pressure &lt; 10 mbar</b></p> <p><b>Green: pressure inside selected range</b></p> <p><b>Green / Red indicate: pressure 10 % below alarm val.</b></p> <p><b>Red: back pressure above alarm value</b></p> |
| Memory module/Data logger:                      | Circular, non-volatile memory as well as non delete-able alarm value memory   |
| Memory capacity                                 | 1 m. data records (date/time/temp./press. reading)  |
| Record start:                                   | Exhaust temperature > 100 °C or revs signal   |

## PRODUCT OVERVIEW

|             |                   |                           |
|-------------|-------------------|---------------------------|
| Active DPF  | Muffler           | Catalysts                 |
| Passive DPF | Thermal isolation | Spark arrester            |
| SCR-System  | Exhaust pipes     | Pipe Connection Technique |

## Options:

- Digital display for clearly indication of temperature and back pressure
- Acoustic signal
- Automatic switch off in case of alarm value overrange
- Elektronic control for increasing the exhaust temperature (dependent on application)
- Data cable and „Software Service Program PTL“ for readout the memory as well as to program the system
- Data remote access via mobilphone or PC

