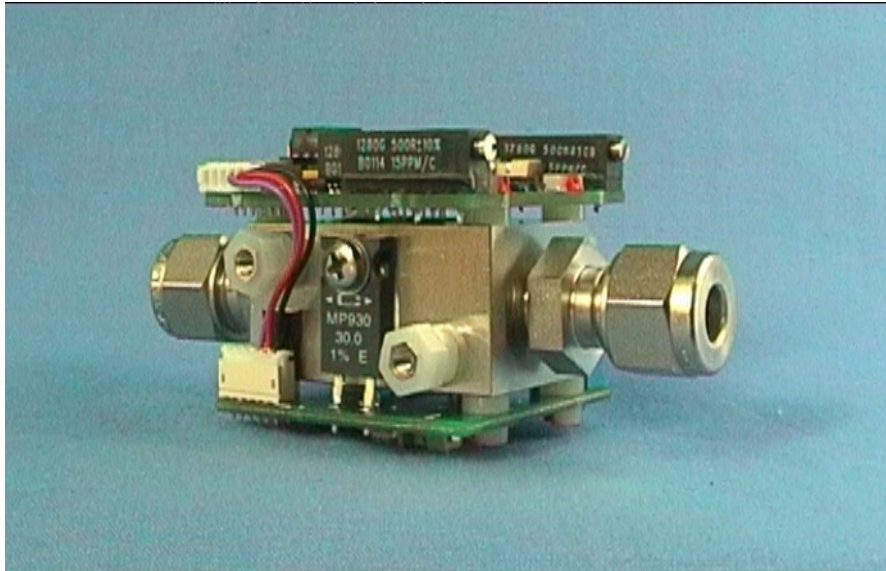


Fast Thermal Conductivity Detector

FTC110-OEM (V12_09)



The product is designed for industrial process gas analysis. The OEM version might be installed into an appropriate housing or implanted into an existing analyzer. The integrated signal processing allows the easy adaption to customer's electronics. Further features are

- Precise and long term stable thermal conductivity measurement
- High sensitivity (e.g. 0 - 0.5% H₂ in N₂) independent of ambient temperature
- Fast response with a T₉₀ time of less than 0.5 sec
- Measurement independent of gas flow and pressure in a wide range
- Small (90x40x40mm³) and robust flow-through device made of stainless steel
- Gas connection with 6mm outer diameter tubing
- Power supply with 24V DC and maximal 450mA
- Calibrated signal output ranging from 1V for N₂ to 10V for H₂ (option: 1-5V)

Advantages of Messkonzept's FTC110-OEM detector:

- High sensitivity and reliability
- Fast response
- No additional gases or other consumables needed
- Small dimensions
- Modular construction principle