



Your Reliable Partner for THC Measurements

Print

Total Hydrocarbon Analyzer RS55-T/2

Applications

- Measurements at two Sample Points
- Emission Monitoring
- Optimizing Processes
- Combustion Control
- Threshold Limit Values (TLV) - Measurements



Features

- Heated Analytical Compartment (up to 160 °C / 320 °F)
- 2 Sample Inputs, Manual or Auto-Control
- Continuous / Discontinuous Measurement Mode
- Flame Out Indication
- Auto-Range / Manual Range
- Automatic Hydrogen Cut-Off
- Self-Monitoring Capabilities (Temperatures, Pressures, Flame)
- Option: Sample Lines
- Option: Filters
- Option: Internal Zero-Gas and Combustion-Air Supply
- Option: USB-Interface



Specifications

(Reference Quantity : Full Range Deflection = FRD)

Ranges	<ul style="list-style-type: none"> • 0-10 ppm Propane • 0-100 ppm Propane • 0-1.000 ppm Propane • 0-10.000 ppm Propane • 0-100.000 ppm Propane
Linearity	+/- 2 % FRD (up to Range 4)
Sample Input Select	Manual or Automatic, Time Base 1-99 Minutes
Oxygen Cross Sensitivity	< +/- 2 % FRD
Availability	> 95 %
Limit of Detection	< 2 % FRD
Zero Drift	< 2 % FRD/week
Span Drift	< 4 % FRD/week
Response Time	approx. 1-2 s (without sample line)
Sample Flow Rate	approx. 220 l/h
Signal Output	0-10 V or 0/4-20 mA
Status Contacts	<ul style="list-style-type: none"> • Pre (Concentration-) Alarm • Main (Concentration-) Alarm • Range Identification • Flame Out Indication • Status Identification (Zero-Gas/Span- Gas/Calibration) • Alarms (Pressure, Temperature, Flame)
Dimensions	19" x 267 x 500 mm (WxHxD)
Weight	approx. 26,5 kg
Ambient Temperature	+ 5 ... + 35 °C
Main Power	230 V / 50 Hz or 115 V / 60(50) Hz / 800 Watts