FID-Accessoires

Datasheet heated Transferline

Description

The heated transferline is made of a stainless steal tube with soldered heater. This construction is unique in relation to other lines and is guarantee for a very good heattransfer. Especially in cases of alternating process temperatures, the sample temperature can stabilized at preselected level.
A Low-Cost-Version is available with simple teflon hose.

Application

The heated transferline is used for connecting the take out point with the **F**lame-**I**onization-**D**etector. The temperature control is made by FID or external temperature controller. The thermocouple is available as NiCrNi or PT 100 element. A built in temperature fuse protects the heated line against external problems of temerature controllers.

The heated lines are available in length between 1m up to 10m as standard length. Other length can be made as required.

Technical data

Model 1002 **Model 1002/T**	**NW 4 mm V4A** **NW 4 mm PTFE**
Model 1006 **Model 1006/T**	**NW 6 mm V4A** **NW 6 mm PTFE**
Temperatureconst.:	± 1%
Max. Temperatur:	300° C V4A 200° Teflon
Tubing:	V4A oder Teflon
Power:	230 V / 50 Hz
Gasconnection:	6mm Swagelok
Power-consumption:	100W each meter
Heatingtime:	approx. 20 Min.
Outside diameter:	45mm
Temp. Display:	NiCrNi or PT 100
Heater and Regulator:	Testa-FID or ext. Temp.Reg.
Radius:	approx. 25 cm
Flow rate: minute	3-6 liters per