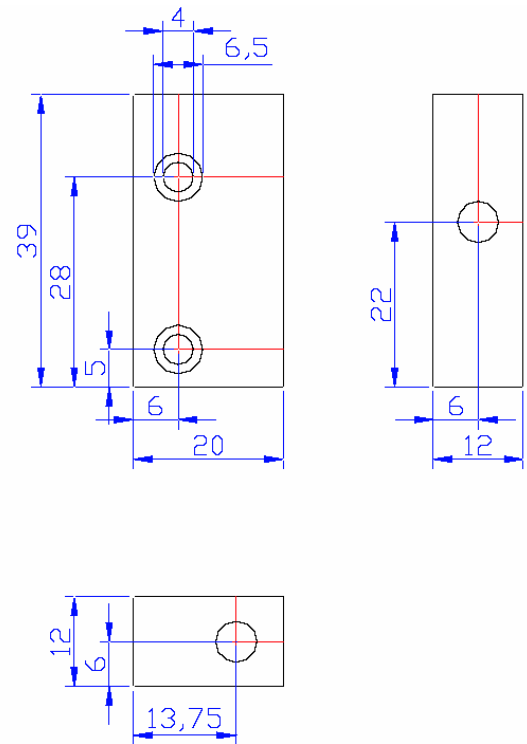
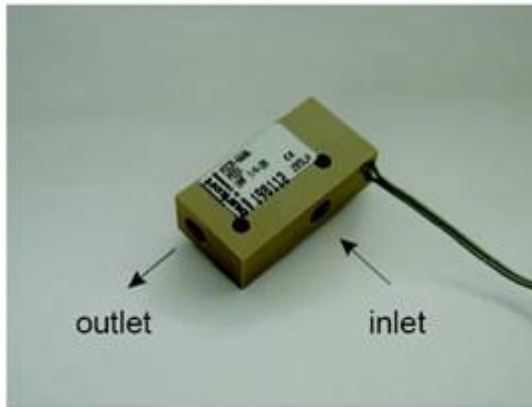


## Mikroglas- temperature sensor

**mikroglas chemtech GmbH** develops and manufactures microtechnological products made of glass (FOTURAN). The material glass makes the reactor modules resistant against aggressive media. For this reason the material properties of the sensor were adapted to the system. The sensor block with integrated temperature sensor is used to monitor the media temperature of the micro reactor. The temperature is measured directly in the liquid flow.



Specifications	
Housing material	PEEK
Contacting material	Glass, Simriz, FFKM, Kalrez
Volume flow	approx. 550 l/h gasflow at 1 bar inlet pressure and free outflow
Temperature sensor	Pt 100
Temperature range	-40°C up to +125°C
Outer dimension	12 mm x 20 mm x 39 mm
Connections	by ready-made Teflon tubes (UNF-thread 1/4")

Developed in cooperation with  
 Buerkert GmbH & Co. KG