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## Conductivity Cell Type M8836S



### Technical description

The conductivity cell M8836S is used for water, waste water and ultra pure water measurements in batch and continuous applications. They are used e.g. in chromatography, water purification fermentation and general chemical processes.

The accuracy is 2% in the temperature range of -30...130°C.

The cell constant K is 1.0 for the measuring range of 1...2000 $\mu$ S.

The insulating parts are made in PVDF and leak proofing is guaranteed by chemically resistant O-rings seals.

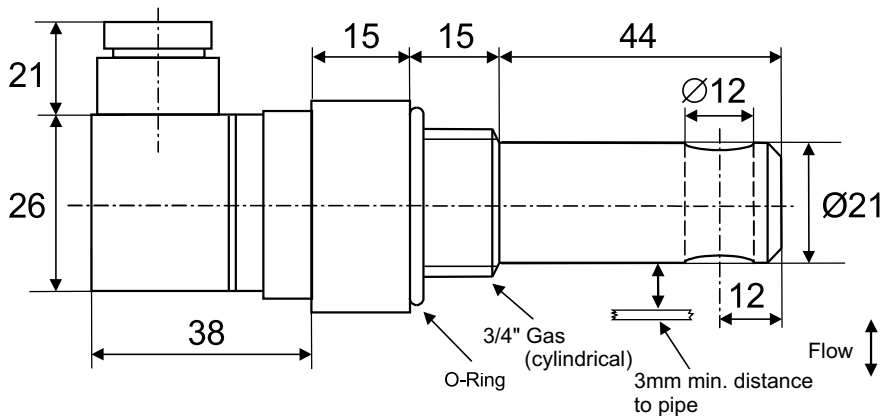
A build in Pt-100 (RTD) temperature sensor enables automatic temperature compensation.

## Technical Data

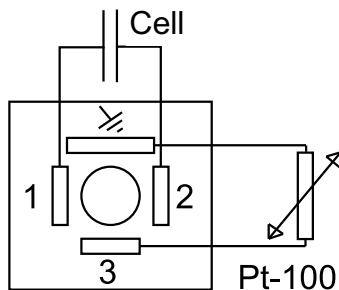
Range:	1...2000 $\mu$ S
Cell constant:	K=1.0
Accuracy:	$\pm$ 2%
Temperature range:	-30...130°C
Internal temperature sensor:	Pt-100, 2-wire
Time constant temperature sensor:	110 sec
Electrode holder:	PVDF
Electrode body:	Cr-Ni-alloy, quality 1.4337
Thread:	3/4" cylindrical gas, with O-ring
Wrench dimension:	36mm
Max. pressure:	10 bar
Probe diameter:	21mm
Probe depth:	44mm
Connector:	DIN 40050, IP67, cable connector included
Max. cable outside diameter:	7.5mm, use shielded cable only

Options:	- other temperature sensor
	- cell shaft 80mm instead 44mm

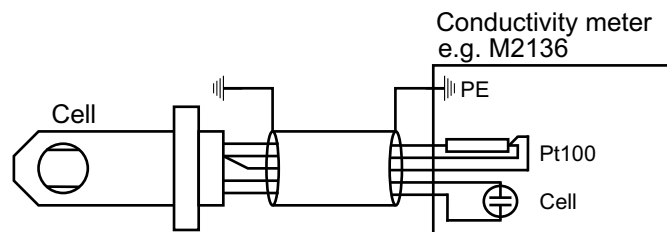
## Cell dimensions (mm):



## Wireing:



## Cell connecting diagram:



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