

Technical data

material measuring tip	316L/ 1.4404/ 1.4571
material counter electrode	316L/ 1.4404
material isolator	PEEK *1
material housing	hotmelt casting
protection category	IP50 according to DIN EN 60529
protection class	III
connection wire (cable-jacket/wire)	PVC/PVC 70°C 5x0,25mm ²
measuring range conductivity	0µS/cm - 5000µS/cm *2
output signal	Current 0.5 ... 4.5V, linear to conductivity 0...5000 µS/cm; or digital via UART *3
supply voltage	5V stabilized *4
setting	via PC-Software "Sonvis"

ambient conditions

storage temperature	-20°C...+70°C
ambient temperature	-10°C ... +60°C
process temperature	0°C...+50°C
process pressure	max 10 bar

installation instructions
 For installation into a fitting T-piece. Pre-calibrated in consultation and with approval for e.g.: ITV, Röhmer, John Guest available

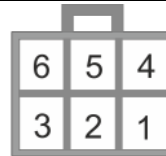
Miscellaneous

labelling
 by labelling on cable "order-no +WW/YY"

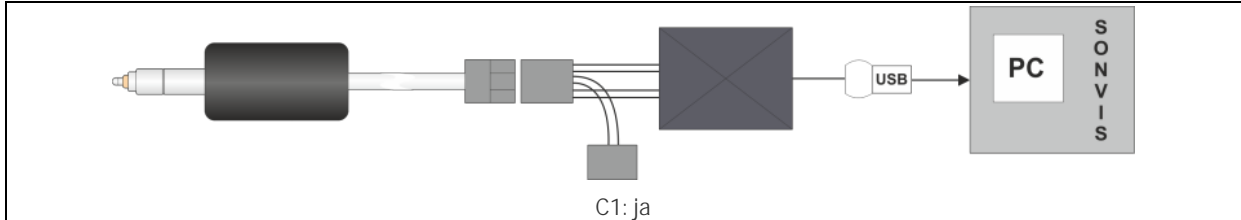
Type key configuration

Pos.:	Physical characteristics	Key	Characteristic
1	cable length KL	A0	450mm -5/+15
2	sensor connection	B0	Molex connector 6pin FCS
3	Evaluation Kit FCS-5	C0	nein
		C1	ja

- 1 +VDC
- 2 Tx Kommunikationsschnittstelle UART
- 3 GND
- 4 OUT
- 5 Rx Kommunikationsschnittstelle UART
- 6 NC



B0: Molex connector 6pin FCS



Existing configurations

Type	Order number	Item number	Old order number
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Remarks

- *1 conform to FDA
- *2 The measuring range is free scaleable via PC Software Sonvis.
The minimum span is 1000µS/cm
- *3 temperature coefficient preset to 2%/K; observe installation notes depending to used plug system
- *4 CAUTION: At voltage >5.5V the sensor will be destroyed!
The sensor does not have any protection against overload

We reserve the right to make technical modifications and correction at any time without prior notice!
This version of the data / type sheet is a translation by a partner. We assume no liability for translation errors. If the translation contains errors or ambiguities, the German version of the data / type sheet is to be used.

Revision

Version	Effective from	Comment
<u>1.0</u>	10.11.2015 10:32:46	Typenblatt angelegt