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µ-ICC 2.45 compact

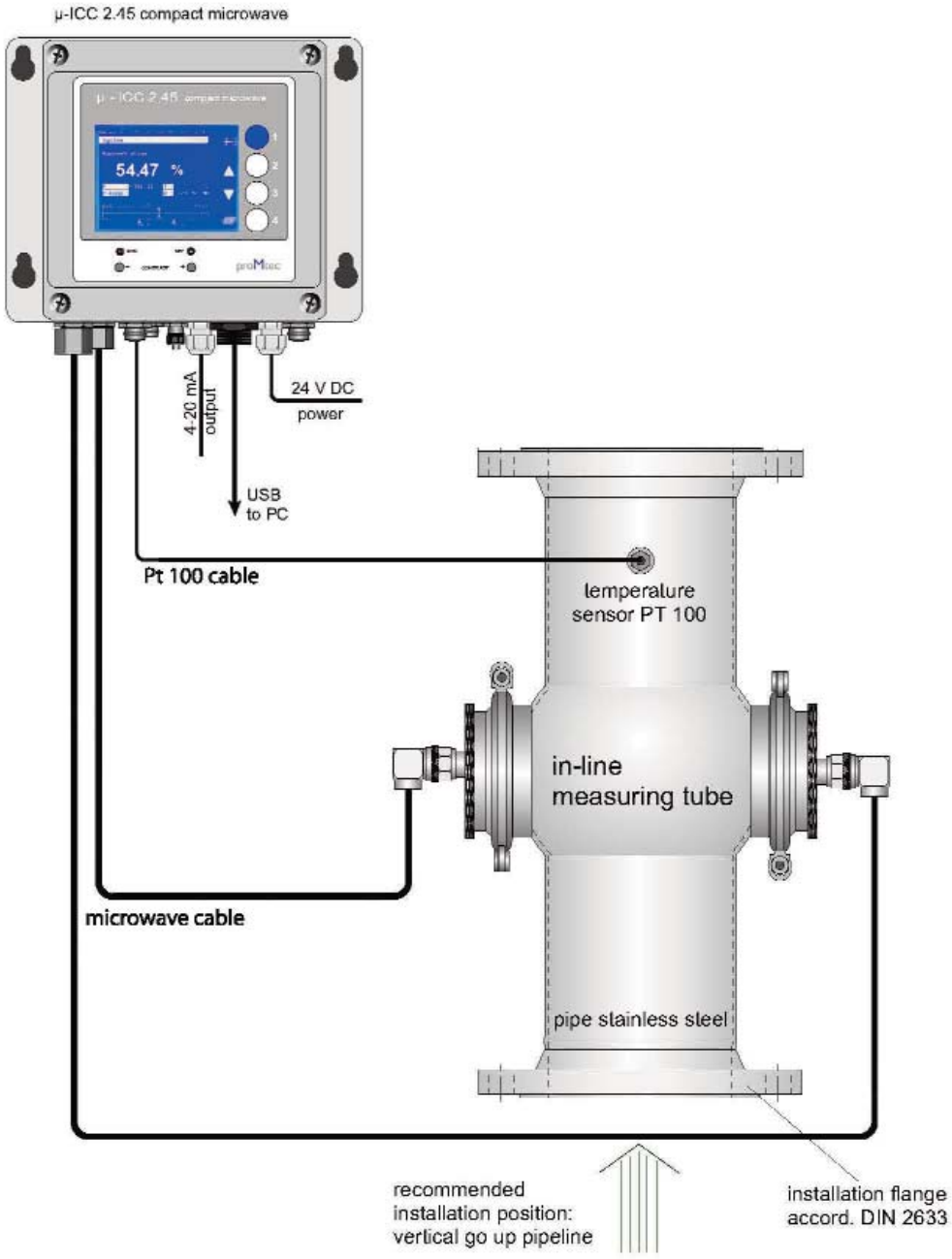


- **Realtime inline measurement** (concentration, density, dry matter & brix content)
- **High accuracy**
- **Compact housing**
- **No influence by purity changes or caking**
- **High flexibility according to specific conditions**
- **Longtime experience and knowledge**

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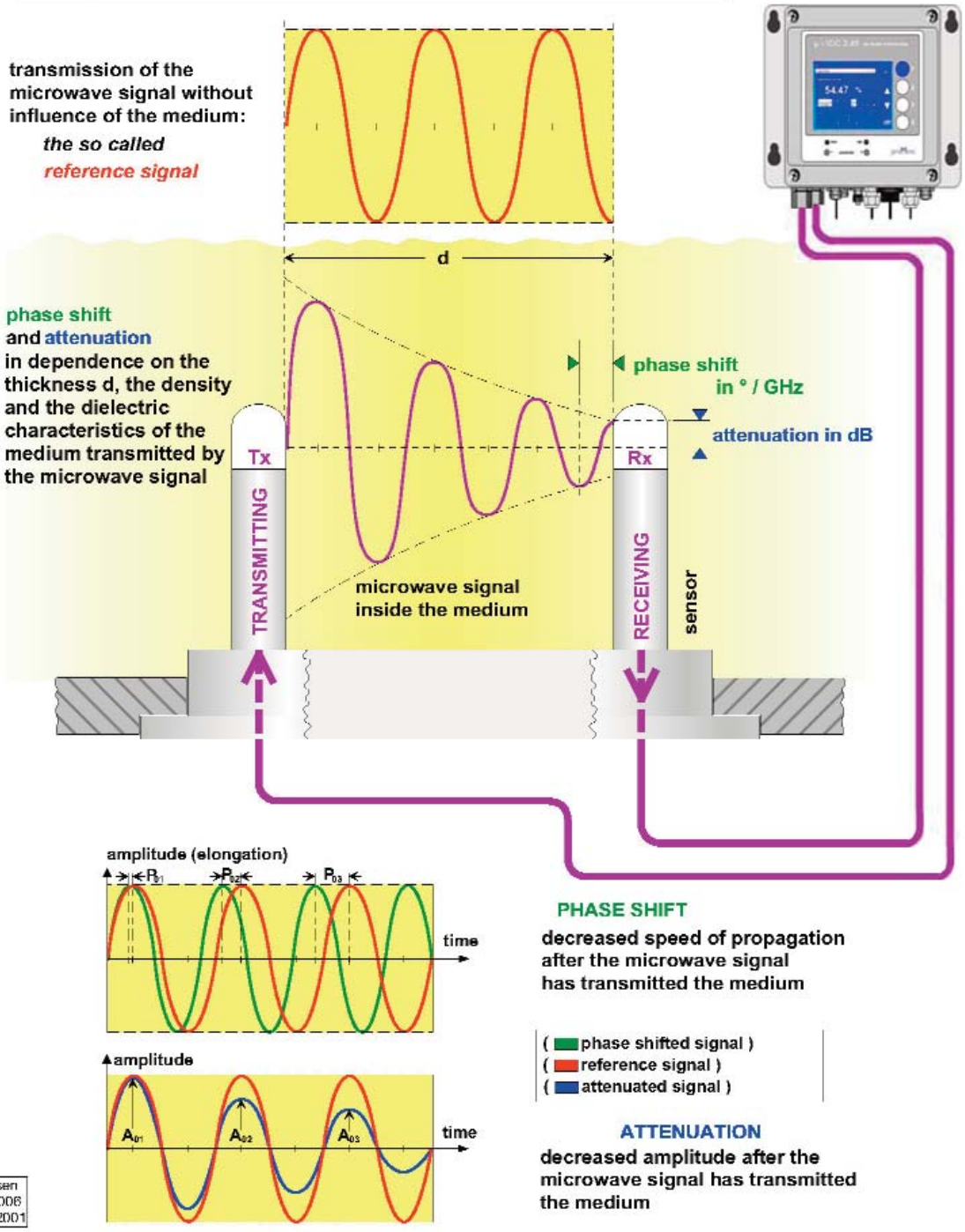
µ-ICC 2.45 compact microwave transmission measurement with inline pipe section and installation flange



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Principle of the microwave - concentration measurement



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Inline Concentration Control µ-ICC 2.45 compact

Data sheet	
Housing	Aluminium wall housing, protection IP65, Dimension 160 x 160 x 120mm
Mounting	4 holding flaps H x B = 120 x 180 for ø 6
Power supply	24 V DC, max. 1000mA
Display	3.9"-Monochrome QVGA-LC, 320 x 240 pixel, illuminated. Large display of the measurement result and drag pointer with analogue bar graph displays of deviation of the measurement in its definded scale
Microwave	Extremely stabile phase, attenuation and level measurement with PLL-synthesizer, 2.45GHz, transmission performance 10mW, 10dBm
Microwave cable	2 x N-plugs for coaxial cable 50, typical 1 to 2m (max. 3m)
Handling	Foil keyboard with 4 soft keys, well-structured multilingual
Status display	LEDs for status of the measurement and access-PIN for parameter
Output	4 – 20 mA isolated output for concentration, load max. 500 ohms
Data interface	USB 2.0 interface for software update, data output and calibration via pc [PROFIBUS PA / ETHERNET/IP / RS-232/-485 / CANopen - on request]
Data memory	SD-/ SD-HC-Card Slot for writing/ reading measuring datas & storage set of parameters
Environment temperature	0 to 50 °C
Temperature compensation	Pt 100 with four-wire-system, M12 plug-in
Sample push-button	for memorizing measured data, M12 plug-in



The innovative microwave transmission technology of proMtec:

- compact device (whole hardware integrated)
- representative inline measurement
- maintenance free
- long lasting experience and knowledge
- high flexibility according to specific requested conditions

Alternatively to this concept there is the **µ-ICC 2.45** available, which consists of 3 components. It allows a high flexibility and up to 4 measurements with one controler. (please contact us for detailed information).

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