

**Inductive conductivity measuring probes with integrated temperature sensor**

Construction:	oval aspherical cap, streamline-shaped with 8 mm diameter of measuring boring
Material:	<b>PP (polypropylene)</b> <b>PEEK (polyether etherketon)</b>
Dimensions:	39 x 50 mm (Ø * h) (without fixing adapter)
Pressure resistance:	PN = 10 bar at 20 °C
Temperature resistance:	<b>max. 90 °C (for PP) short-time</b> <b>max. 130 °C (for PEEK) short-time</b>
Temperature sensor:	NTC resistor (R <sub>25</sub> = 214 kΩ) in stainless steel immersion sleeve
Response time of temp. sensor:	approx. 30 s (90 %-value)
Immersion sleeve material:	stainless steel, 1.4571
Sealing element:	O-ring, EPDM 281
Connection cable:	7-wire special cable with round plug M12, length: approx. 0.2 m extension cable with 3 m, 6 m or 20 m available

**Article**

**Material No.**



**Conductivity measuring probe as aforementioned, with adapter**

for PP flow fitting or PVC flow fitting

Measuring probe material: **PP**  
Adapter material: **PP**

287622



**Conductivity measuring probe as aforementioned, with adapter**

for VA tank welding fitting and VA flow fitting, DN 50

Measuring probe material: **PP**  
Adapter material: **PP**

287621

Measuring probe material: **PEEK**  
Adapter material: **PVDF**

287604



**Conductivity measuring probe as aforementioned, with bulkhead screw connection**

for tank wall installation, 21 mm bore-diameter required

Measuring probe material: **PP**

287413



**Article**

**Material No.**

**Conductivity measuring probe as aforementioned in immersion tube**

Immersion depth as desired adjustable up to 1000 mm

Cable length: 2.2 m

Immersion tube Ø: 32 mm

Material immersion tube: PP

Housing material measuring probe: **PP**

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**Extension cable**

for measuring probe, 7-pole

Cable length: 3 m

Cable length: 6 m

Cable length: 20 m

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	Article	Material No.
	<b>Tank welding fitting</b> Material: stainless steel 304 (1.4301)	287505
	<b>Flow fitting</b> Material: PP Temperature resistance: up to 80 °C Connection: G 1/2"	287506
	<b>Flow fitting</b> <b>Material: PVC</b> Temperature resistance: up to 50 °C Connection: adhesive fitting DN 40	287514
	<b>Flow fitting with weld-on end</b> Nominal diameter: DN 50 (int./ext. $\varnothing$ = 49 / 52 mm) Material: stainless steel 304 (1.4301)	287507