

Product Matrix Liquids		Level Limit Measurement				Continuous Measurement				
Product		Vibranivo® VN 7	Capanivo® CN 7	Capanivo® CN 8	RFnivo® RF 8	NivoBob® NB 3	NivoCapa® NC 8	NivoRadar® NR 7	NivoRadar® NR 8	NivoGuide® NG 8
Measuring principle		Vibration	Capacitive	Capacitive	Capacitive	Lot System	Capacitive	Radar	Radar	Guided Radar (TDR)
Material properties	Waterbased	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Oil / viscose media	✓	✓	✓	✓	✓	✓	✓	●	✓
	Foam	✓	✓	✓	✓	-	✓	✓	●	✓
	Material prone to caking	✓	✓	✓	✓	✓	✓	●	●	●
	Interface	●	✓	✓	✓	✓	✓	-	-	✓
Process conditions	Sensitivity (Medium density / DK)	≥ 31,21 lb/ft³	DK ≥ 1.5	DK ≥ 1.5	DK ≥ 1.5	irrelevant	DK ≥ 1.5	DK ≥ 1.1	DK ≥ 1.1	DK ≥ 1.4
	Process temperature	-40..302 °F (CIP / SIP ..302 °F)	-40..257 °F (SIP / CIP ..302 °F)	-40..257 °F	-40..752 °F	-40..176 °F	-40..392 °F	-40..176 °F	321°F..842 °F	-196..450 °C
	Process pressure	5801.5 psi	363 psi	362.6 psi	507.6 psi	25 psi	507.6 psi	43.5 psi	2320 psi	5801.5 psi
	High mechanical load	●	●	●	●	●	●	✓	✓	●
	Immersion length (max.)	157.5 in	787 in	1181 in	984 in	1968 in	984 in	0 in	0 in	2952 in
	Vibration in process	✓	✓	●	●	✓	●	●	●	●
	Moving surface	✓	●	✓	✓	✓	✓	✓	✓	✓
Certification*	EHEDG	✓	✓	-	-	-	-	-	✓	-
	SIL	-	-	✓	-	-	-	-	✓	✓
	Lloyd's Register	-	✓	✓	✓	-	✓	-	-	-
	EX certification	-	✓	✓	✓	✓	✓	✓	✓	✓
	Wetted parts	Stainless steel (1.4404)	316L/PPS/ PVDF/PEEK	316L/PPS/ PVDF	316L/PFA/ PEEK/ Ceramic	301/303/PA/ PP	316L/PFA/ PEEK	PVDF	316L/PTFE/ PEEK/PP/ Ceramic	316L/PEEK/ Ceramic

* further certificates available on request

** capable of measuring the lightest of material lower than 0.312 lb/ft³

We reserve the right to make changes. The terms and conditions apply (www.uwtgroup.com).

✓ perfect choice

● can be used (details to be clarified)

- not recommended