

Overview SIL devices / Überblick SIL Geräte						
Device/Gerät	Type/Typ	SIL	safety-related output signal/ sicherheitsbezogenes Ausgangssignal	safety function/ Sicherheitsfunktion	SIL data sheet/ SIL Datenblatt	Safety Manual
					TÜV certificate/ TÜV Zertifikat	
Level switches / Füllstand Grenzschalter						
Liquiphant M/S	FTL5x, FTL5xH, FTL51C, FTL7x	2	Thyristor (contactless 2-wire/kontaktloser 2-Draht) - FEL51	Level MAX	SD255F >>>	DE >>> EN >>>
				Level MIN	SD256F >>>	DE >>> EN >>>
Liquiphant M/S	FTL5x, FTL5xH, FTL51C, FTL7x	2	PNP - FEL52	Level MAX	SD257F >>>	DE >>> EN >>>
				Level MIN	SD258F >>>	DE >>> EN >>>
Liquiphant M/S	FTL5x, FTL5xH, FTL51C, FTL7x	2	relay contacts/Relaiskontakte (DPDT) - FEL54	Level MAX	SD259F >>>	DE >>> EN >>>
				Level MIN	SD260F >>>	DE >>> EN >>>
Liquiphant M/S	FTL5x, FTL5xH, FTL51C, FTL7x	2	8/16 mA - FEL55	Level MAX	SD261F >>>	DE >>> EN >>>
				Level MIN	SD283F >>>	DE >>> EN >>>
Liquiphant M/S, Liquiphant M/S + Nivotester FTL325N	FTL5x, FTL5xH, FTL51C, FTL7x	2	NAMUR (IEC 60947-5-6) - FEL56	Level MIN, Level MAX		DE >>> EN >>>
Liquiphant M/S, Liquiphant M/S + Nivotester FTL325N	FTL5x, FTL5xH, FTL51C, FTL7x	2	NAMUR (IEC 60947-5-6) with push button/mit Prüftaste - FEL58	Level MIN, Level MAX		DE >>> EN >>>
Liquiphant M/S + Nivotester FTL325P	FTL5x, FTL5xH, FTL51C, FTL7x	2/3	PFM - FEL57	Level MIN, Level MAX	TUEV_certificate >>>	DE >>> EN >>>
Liquiphant M/S + Nivotester FTL375P	FTL5x, FTL5xH, FTL51C, FTL7x	2/3	PFM - FEL57, relay / Relais	Level MAX	SD267F >>> TUEV certificate >>>	DE >>> EN >>>
Liquiphant S "fail safe" + Nivotester FTL670	FDL60/61	3	PFM - FEL67, relay/Relais	Level MAX	SD268F >>> TUEV certificate >>>	DE >>> EN >>>
Liquiphant FailSafe + Nivotester FailSafe FTL825	FTL80, FTL81, FTL 85	3	2-Leiter/2-wire 4-20 mA	Level MIN, Level MAX	SD01083F >>> TUEV certificate >>>	DE >>> EN >>>
Soliphant M	FTM50/51/52	2	Thyristor (contactless 2-wire/kontaktloser 2-Draht) - FEM51	Level MAX	SD249F >>> Exida certificate >>>	DE >>> EN >>>
Soliphant M	FTM50/51/52	2	PNP - FEM52	Level MAX	SD250F >>> Exida certificate >>>	DE >>> EN >>>
Soliphant M	FTM50/51/52	2	relay contacts/Relaiskontakte (DPDT) - FEM54	Level MAX	SD251F >>> Exida certificate >>>	DE >>> EN >>>
Soliphant M	FTM50/51/52	2	NAMUR (IEC 60947-5-6) with push button/mit Prüftaste - FEM58	Level MAX	SD252F >>> Exida certificate >>>	DE >>> EN >>>
Soliphant M + Nivotester FTL325P	FTM50/51/52	2	PFM - FEM57	Level MAX	Exida certificate >>>	DE >>> EN >>>
Soliphant M	FTM50/51/52	2	8/16 mA - FEM55	Level MAX	SD254F >>> Exida certificate >>>	DE >>> EN >>>
Liquicap M Solicap M Solicap S	FTI51/52 FTI55/56 FTI77	2/3	8/16 mA - FEI55	Level MIN Level MAX	SD286F >>> TUEV certificate >>>	DE >>> EN >>>
Gammapilot M	FMG60	2/3	4...20 mA	Level MIN	SD00248F >>> TUEV certificate >>>	DE >>> EN >>>
				Level MAX		DE >>> EN >>>
Level continuous / Füllstand kontinuierlich						
Levelflex	FMP50/51/52/53, FMP54/55/56/57	2/3	4...20 mA	Level MIN, Level MAX, Level Range	TUEV certificate >>>	DE >>> EN >>>
Micropilot S	FMR530/532/533 FMR540	2	4...20 mA	Level MIN, Level MAX, Level Range	SD00346F >>> TUEV certificate >>>	DE >>> EN >>>
Micropilot M	FMR230/231/240, FMR244/245/250	2	4...20 mA	Level MIN, Level MAX	SD00328F >>>	DE >>> EN >>>
Micropilot	FMR50/51/52/53/ 54/56/57	2/3	4...20 mA	Level MIN, Level MAX, Level Range	SD01126F >>> TUEV certificate >>>	DE >>> EN >>>
Levelflex M	FMP40/41C/43/45	2	4...20 mA	Level MIN, Level MAX, Level Range	SD285F >>> TUEV certificate >>>	DE >>> EN >>>
Liquicap M	FMI51/52	2	4...20 mA - FEI50H	Level MIN, Level MAX	SD269F >>> Exida certificate >>>	DE >>> EN >>>
Proservo	NMS5, NMS7	2	4...20 mA	MIN, MAX, Range	SD00348G >>> TUEV certificate >>>	DE >>> EN >>>
			Relay	MIN, MAX		
Process pressure / Prozessdruck						
Cerabar S	PMP71/75, PMC71	2/3	4...20 mA	MIN, MAX, Range	SD244P >>> TUEV certificate >>>	DE >>> EN >>>
Cerabar S	PMP731/635, PMC731/631	2	4...20 mA	MIN, MAX, Range	SD245P >>>	DE >>> EN >>>
Deltapilot S	FMB70	2/3	4...20 mA	MIN, MAX, Range	SD241P >>> TUEV certificate >>>	DE >>> EN >>>
Cerabar M Deltapilot M	PMP51/55, PMC51 FMB50/51/52/53	2	4...20 mA	MIN, MAX, Range	SD00351P >>> TUEV certificate >>>	DE >>> EN >>>
Cerabar M	PMP41/45/46/48, PMC41/45	2	4...20 mA	MIN, MAX, Range	SD246P >>>	DE >>> EN >>>
Cerabar T	PMC131 (delivery date/ Auslieferungsdatum 09/1997 - 03/2006), PMP131/135	2	4...20 mA	MIN, MAX, Range	SD247P >>>	DE >>> EN >>>
Differential pressure / Differenzdruck						
Deltabar S	PMD70/75, FMD76/77/78	2/3	4...20 mA	MIN, MAX, Range	SD242P >>> TUEV certificate >>>	DE >>> EN >>>
Deltabar S	PMD230/235, FMD230/630/633	2	4...20 mA	MIN, MAX, Range	SD243P >>>	DE >>> EN >>>
Deltabar M	PMD55	2	4...20 mA	MIN, MAX, Range	SD00351P >>> TUEV certificate >>>	DE >>> EN >>>
Temperature / Temperatur						
iTEMP HART	TMT82	2/3	4...20 mA	MIN, MAX, Range	SD01172T >>>	DE >>> EN >>>
iTEMP HART	TMT112	2	4...20 mA	MIN, MAX, Range	SD021R >>>	DE >>> EN >>>
iTEMP HART	TMT122	2	4...20 mA	MIN, MAX, Range	SD018R >>>	DE >>> EN >>>
iTEMP HART	TMT162	2	4...20 mA	MIN, MAX, Range	SD016R >>>	DE >>> EN >>>
iTEMP HART	TMT182	2	4...20 mA	MIN, MAX, Range	SD017R >>>	DE >>> EN >>>
Flow measurement / Durchflussmessung						
Promass	80, 83	2	4...20 mA	MIN, MAX, Range	SD132D >>>	DE >>> EN >>>
Promass	80, 83 (as of/ab Software V 3.00. XX)	2/3	4...20 mA	MIN flow, MAX flow, flow range, MIN density, MAX density, density range	SD133D >>>	DE >>> EN >>>
Promass	E 200 8E2B, F 200 8F2B	2/3	4...20 mA	MIN, MAX, Range	TUEV certificate >>>	DE >>> EN >>>
Prowirl	200	2/3	4...20 mA	MIN, MAX, Range	TUEV certificate >>>	DE >>> EN >>>
Prowirl	72, 73	2/1	4...20 mA	MIN, MAX	SD134D >>>	DE >>> EN >>>
Promag	50, 53	2	4...20 mA	MIN, MAX, Range	SD135D >>>	DE >>> EN >>>
Promag	200	2/3	4...20 mA	MIN, MAX, Range	SD01451D >>>	DE >>> EN >>>
Liquid analysis / Flüssigkeitsanalyse						
Liquiline M	CM42 (Memosens)	2	4...20 mA	pH limit monitoring, pH value measurement, safe calibration/ adjustment	SD00160C >>> TUEV certificate >>>	DE >>> EN >>>
pH sensor head KSG2	Orbisint CPS11D (Memosens)	2	—	Measuring and communicating the pH-voltage and temperature value	SD00161C >>> TUEV certificate >>>	DE >>> EN >>>
Memosens cable	CYK10	2/3	—	Safe transmission of data using the Me- mosens protocol	SD00162C >>> TUEV certificate >>>	DE >>> EN >>>
Memosens	pH measuring chain	2	4...20 mA	pH limit monitoring, pH value measurement, safe calibration/ adjustment	SD00163C >>>	—
System components / Systemkomponenten						
Überspannungsschutz HAW562/569	HAW562, HAW569	2	4...20 mA	Rückwirkungsfrei		DE >>> EN >>>
Prozessanzeiger RIA45	RIA45	2	4...20 mA, relay / Relais	Min, Max Range		DE >>> EN >>>
Prozessanzeiger RIA46	RIA46	2	4...20 mA, relay / Relais	Min, Max Range		DE >>> EN >>>
Active barrier/ Speisetrenner	RN221N	2	4...20 mA	MIN, MAX, Range		DE >>> EN >>>
Process transmitter/ Prozessmessumformer	RMA422	2	4...20 mA, relay / Relais	MIN, MAX, Range	SD020R >>>	DE >>> EN >>>
Fieldgate	FXA520	2	—	interference freeness on 4...20 mA loop/Rückwirkungs- freiheit auf 4...20 mA Schleife	SD047S >>>	—
Passive barrier/ Passivtrenner	RB223	3	4...20 mA	MIN, MAX, Range		DE >>> EN >>>
Process transmitter/ Prozesstransmitter	RMA42	2	4...20 mA, relay/Relais	MIN, MAX, Range		DE >>> EN >>>