

TYPE CODE PROBE

Example: Capacitive level probe for analogue measurement

KFI/KFW- 12 - 585 - 500 -GFK/VAa- D16 - TB80 - G1 - IL - 4 - ETF - E - Z02 - 3G3D

Example: Capacitive level probe for analogue measurement

KFI/KFW- 1 - 500 - 370 -GFK/VAa- D16 - TB80 - G1 - UL - 0 - ETW - E - Z02

Example: Capacitive level probe for limit value measurement

KFI/KFW- 52 - 500 - 370 -GFK/VAa- D16 - TB80 - G1 - S - ETW - E - Z02

1	2	3	4	5	6	7	8	9	10	11	12	13	14
													ATEX, if existing
													Length of the probe cable
												E = Special version, if existing	
												Kind of adjustment	
												Output signal	
												Output function	
												Process connection, if existing	
												TB = Temperature barrier, if existing	
												Diameter of the probe	
												Housing material	
												Length of the analogue measuring area „M“ (in mm)	
												Probe length (in mm)	
												12 = Analogue Measurement with 2 programmable Switching Points	
												1 = Analogue Measurement	
												51, 52 = Limit Value Measurement and Number of Switching Points	

KFI = Capacitive Filling Level Probe

KFW = Capacitive Filling Level Probe

Position 1

Value	Measuring principle
KFI	Measurement with external 3. electrode / counter electrode
KFW	Measurement with internal 3. electrode / counter electrode

Position 2

Value	Measuring principle
12	Analogue with 2 programmable switching points
1	Analogue
51	1 Switching Point
52	2 Switching Points

All specifications are subject to change without notice. (02/2017)

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Position 3

Value	Probe length
Material	Max. length
GFK	2000 mm
PTFE	2000 mm
PEEK	400 mm
PVDF	2000 mm
PVC	2000 mm

Position 4

Length of the analogue measuring area „M“ (in mm)

Position 5 housing material

Material	Probe	Housing / Process connection
GFK	Fiberglass reinforced plastic	Fiberglass reinforced plastic
GFK/VAa	Fiberglass reinforced plastic	Stainless steel No. 1.4301 (AISI 304)
GFK/VAb	Fiberglass reinforced plastic	Stainless steel No. 1.4305 (AISI 303)
GFK/VAc	Fiberglass reinforced plastic	Stainless steel No. 1.4404 (AISI 316L)
GFK/AL	Fiberglass reinforced plastic	Aluminum
PEEK	Polyetheretherketone FDA 21 CFR 177.2415	Polyetheretherketone
PEEK/VAa	Polyetheretherketone FDA 21 CFR 177.2415	Stainless steel No. 1.4301 (AISI 304)
PEEK/VAb	Polyetheretherketone FDA 21 CFR 177.2415	Stainless steel No. 1.4305 (AISI 303)
PEEK/VAc	Polyetheretherketone FDA 21 CFR 177.2415	Stainless steel No. 1.4404 (AISI 316L)
PTFE	Polytetrafluoroethylene FDA 21 CFR 177.1550	Polytetrafluoroethylene
PTFE/MS	Polytetrafluoroethylene FDA 21 CFR 177.1550	Brass chrome or nickel
PTFE/VAa	Polytetrafluoroethylen FDA 21 CFR 177.1550	Edelstahl Werkstoff Nr. 1.4301 (AISI 304)
PTFE/VAb	Polytetrafluoroethylen FDA 21 CFR 177.1550	Edelstahl Werkstoff Nr. 1.4305 (AISI 303)
PTFE/VAc	Polytetrafluoroethylen FDA 21 CFR 177.1550	Edelstahl Werkstoff Nr. 1.4404 (AISI 316L)
PTFE/AL	Polytetrafluoroethylene FDA 21 CFR 177.1550	Aluminum
PVC	Polyvinylchloride	Polyvinylchloride
PVDF	Polyvinylidene fluoride	Polyvinylidene fluoride

Position 6

Value	Diameter of the probe
D10	10 mm
D16	16 mm

Position 7

Value	Temperature barrier
No indication	Without temperature barrier
TB50	50 mm
TB80	80 mm
TB100	100 mm

Position 8

Value	Process connection
No indication	No process connection
G1	G1"
G11/2	G1 1/2"
G1/4	G1/4"
G3/4	G3/4"
M12	M12 x 1
M14	M14 x 1
M18	M18 x 1
M20	M20 x 1,5
M30	M30 x 1,5
NPT1	NPT 1"
W	Angle

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Position 9

Value	Output function
UL	Analogue voltage output
IL	Analogue current output
No indication	PNP / NPN

Position 10

Value	Output signal
0	0...10 V
10	10...0 V
4	4...20 mA
20	20...4 mA
S	Normally open (NO)
Ö	Normally closed (NC)

Position 11

Value	Kind of adjustment
ETW	Easy Teach by Wire
ETF	Keypad

Position 12

Value	Special version
No indication	Standard version
E	Special version

Position 13

Value	Length of the cable
Z0E	Special version
Z01	1 m
Z02	2 m
Z03	3 m
Z05	5 m
Z10	10 m
Y10	Plug connection

Position 14

Wert	ATEX
3G3D	With manufacturer declaration for ATEX zone 2 (gas) and 22 (Dust)