

VEGAPULS62



Approval directive / Scope

None / World-wide
 Shipbuilding / World-wide
 ATEX / Europe
 IEC / World-wide
 FM / USA
 CSA / Canada
 UKR Sepro / Ukraine
 GOST-K/EAC / Kazakhstan
 NEPSI / China
 INMETRO / Brazil
 IA / South Africa
 KOSHA / Korea
 IEC / Australia
 CCOE / India

Approval

XX without
XM Ship approval
CX ATEX II 1G, 1/2G, 2G Ex ia IIC T6
CA ATEX II 1G, 1/2G, 2G Ex ia IIC T6 + WHG
CM ATEX II 1G, 1/2G, 2G Ex ia IIC T6 + Ship approval
CK ATEX II 1G, 1/2G, 2G Ex ia IIC + II 1D, 1/2D, 2D Ex t IIIC
CI IEC Ex ia IIC T6
DX ATEX II 1/2G, 2G Ex db ia IIC T5/T6
DA ATEX II 1/2G, 2G Ex db ia IIC T5/T6 + WHG
DM ATEX II 1/2G, 2G Ex db ia IIC T5/T6 + Ship approval
DK ATEX II 1/2G, 2G Ex db ia IIC + II 1D, 1/2D, 2D Ex t IIIC
DI IEC Ex db ia IIC T6
CK IEC Ex ia IIC Ga, Gb + Ex t IIIC T* Da, Da/Db, Db
DK IEC Ex db ia IIC Ga/Gb, Gb + Ex t IIIC T* Da, Da/Db, Db
GX ATEX II 1D, 1/2D, 2D Ex t IIIC T* Da, Da/Db, Db
RX ATEX II 1D, 1/2D, 2D Ex t IIIC T* Da, Da/Db, Db
GI ATEX Ex t IIIC T* Da, Da/Db, Db
RI ATEX Ex t IIIC T* Da, Da/Db, Db
RX IEC Ex ta IIIC T* Da, Da/Db, Da/Dc, Db
JF TIS Ex ia
JG TIS Ex d ia
UX FM (NI) CL I, DIV2, GP ABCD
UA FM (NI) CL I, DIV2, GP ABCD + Ship approval
UF FM (IS) CL I, II, III, DIV1, GP ABCDEF
UB FM (IS) CL I, II, III, DIV1, GP ABCDEFG + Ship approval
UG FM (XP-IS) CL I, II, III, DIV1, GP ABCDEFG
UE FM (XP-IS) CL I, II, III, DIV1, GP ABCDEFG + Ship approval
UR FM (DIP) CL I, II, III, DIV1, GP E,F,G
UD FM (XP) CL I, DIV1, GP ABCD, (DIP) CL II, III, DIV1, GP EFG
KX CSA (NI) CL I, Div 2, Grp A,B,C,D
KF CSA (IS) CL I, II, III, Div 1, Grp A,B,C,D,E,F,G
KR CSA (DIP) CL I, II, III, Div 1, Grp E,F,G
KG CSA (XP-IS) CL I, II, III, Div 1, Grp A,B,C,D,E,F,G

SIL qualification

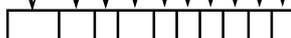
Without
 with, incl. Safety Manual

Version / Material

B with horn antenna (ø40mm) / 316L
R with horn antenna (ø40mm) / Alloy C22 (2.4602)
C with horn antenna (ø48mm) / 316L
S with horn antenna (ø48mm) / Alloy C22 (2.4602)
3 with horn antenna (ø48mm) / Alloy 400 (2.4360)
I with horn antenna (ø75mm) / 1.4848
D with horn antenna (ø75mm) / 316L
N with horn antenna (ø75mm) / Alloy C22 (2.4602)
A with horn antenna (ø75mm) / Alloy 400 (2.4360)
1 with horn antenna (ø75mm) / 316L Safecoat coated
P Horn antenna (ø75mm) / 316L, electropolished
J with horn antenna (ø95mm) / 1.4848
E with horn antenna (ø95mm) / 316L
O with horn antenna (ø95mm) / Alloy C22 (2.4602)
M with horn antenna (ø95mm) / Alloy 400 (2.4360)
H with parabolic antenna (ø245mm), extended by 300mm / 316L

Process fitting / Material

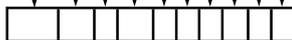
GD Thread G1½ PN40, DIN3852-A / 316L
ND Thread 1½NPT PN40, ASME B1.20.1 / 316L
NE Thread 2NPT PN40, ASME B1.20.1 / 316L
GG Thread G2 PN40, DIN3852-A / 316L
FB Flange DN40 PN40 Form C, DIN2501 / 316/316L
IB Flange DN40 PN40 Form F, DIN2501 / 316/316L



	LB Flange DN40 PN40 Form V13, DIN2501 / 316/316L
	FM Flange DN50 PN6 Form C, DIN2501 / 316/316L
	FC Flange DN50 PN40 Form C, DIN2501 / 316/316L
	IC Flange DN50 PN40 Form F, DIN2501 / 316/316L
	HC Flange DN50 PN40 Form N, DIN2501 / 316/316L
	LC Flange DN50 PN40 Form V13, DIN2501 / 316/316L
	JC Flange DN50 PN40 Form R13, DIN2501 / 316/316L
	IP Flange DN50 PN64 Form F, DIN2501 / 316/316L
	EP Flange DN50 PN64 Form E, DIN2501 / 316/316L
	LS Flange DN50 PN100 Form V13, DIN2501 / 316/316L
	FH Flange DN50 PN160 Form F, DIN2501 / 316/316L
	F9 Flange DN65 PN6 Form C, DIN2501 / 316/316L
	F2 Flange DN65 PN16 Form C, DIN2501 / 316/316L
	FT Flange DN65 PN40 Form C, DIN2501 / 316/316L
	FD Flange DN80 PN40 Form C, DIN2501 / 316/316L
	ID Flange DN80 PN40 Form F, DIN2501 / 316/316L
	HD Flange DN80 PN40 Form N, DIN2501 / 316/316L
	LD Flange DN80 PN40 Form V13, DIN2501 / 316/316L
	JA Flange DN80 PN40 Form R13, DIN2501 / 316/316L
	F4 Flange DN80 PN160 Form C, DIN2501 / 316/316L
	F1 Flange DN100 PN6 Form C, DIN2501 / 316/316L
	FE Flange DN100 PN16 Form C, DIN2501 / 316/316L
	IE Flange DN100 PN16 Form F, DIN2501 / 316/316L
	HE Flange DN100 PN16 Form N, DIN2501 / 316/316L
	LE Flange DN100 PN16 Form V13, DIN2501 / 316/316L
	EJ Flange DN100 PN16 Form R13, DIN2501 / 316/316L
	FG Flange DN100 PN40 Form C, DIN2501 / 316/316L
	IG Flange DN100 PN40 Form F, DIN2501 / 316/316L
	HG Flange DN100 PN40 Form N, DIN2501 / 316/316L
	LG Flange DN100 PN40 Form V13, DIN2501 / 316/316L
	EY Flange DN100 PN64 Form E, DIN2501 / 316/316L
	LY Flange DN100 PN64 Form V13, DIN2501 / 316/316L
	FF Flange DN125 PN16 Form C, DIN2501 / 316/316L
	F5 Flange DN150 PN6 Form C, DIN2501 / 316/316L
	FK Flange DN150 PN16 Form C, DIN2501 / 316/316L
	CH Flange DN150 PN16 Form B, DIN2501 / 316/316L
	IH Flange DN150 PN16 Form F, DIN2501 / 316/316L
	HH Flange DN150 PN16 Form N, DIN2501 / 316/316L
	LH Flange DN150 PN16 Form V13, DIN2501 / 316/316L
	FN Flange DN150 PN40 Form C, DIN2501 / 316/316L
	IN Flange DN150 PN40 Form F, DIN2501 / 316/316L
	HN Flange DN150 PN40 Form N, DIN2501 / 316/316L
	LN Flange DN150 PN40 Form V13, DIN2501 / 316/316L
	JN Flange DN150 PN40 Form R13, DIN2501 / 316/316L
	FV Flange DN200 PN6 Form C, DIN2501 / 316/316L
	FJ Flange DN200 PN10 Form C, DIN2501 / 316/316L
	IJ Flange DN200 PN10 Form F, DIN2501 / 316/316L
	FL Flange DN200 PN16 Form C, DIN2501 / 316/316L
	CL Flange DN200 PN16 Form B, DIN2501 / 316/316L
	FU Flange DN200 PN40 Form C, DIN2501 / 316/316L
	CA Flange DN200 PN64 Form C, DIN2501 / 316/316L
	FS Flange DN250 PN6 Form C, DIN2501 / 316/316L
	FR Flange DN250 PN10 Form C, DIN2501 / 316/316L
	FI Flange DN250 PN16 Form C, DIN2501 / 316/316L
	F7 Flange DN250 PN25 Form C, DIN2501 / 316/316L
	KK Flange DN50 PN6 Form B1, EN1092-1 / 316/316L
	KC Flange DN50 PN40 Form B1, EN1092-1 / 316/316L
	JB Flange DN50 PN40 Form B2, EN1092-1 / 316/316L
	WC Flange DN50 PN40 EN1092-1 Form C / 316/316L
	9C Flange DN50 PN40 Form D, EN1092-1 / 316/316L
	MC Flange DN50 PN40 EN1092-1 Form A / 316/316L
	KP Flange DN50 PN63 Form B1, EN1092-1 / 316/316L
	B5 Flange DN50 PN160 Form F, EN1092-1 / 316/316L
	K2 Flange DN65 PN16 Form B1, EN1092-1 / 316/316L
	T2 Flange DN65 PN16 Form F, EN1092-1 / 316/316L
	93 Flange DN80 PN6 Form D, EN1092-1 / 316/316L
	KD Flange DN80 PN40 Form B1, EN1092-1 / 316/316L
	JD Flange DN80 PN40 Form B2, EN1092-1 / 316/316L
	WD Flange DN80 PN40 Form C, EN1092-1 / 316/316L
	9D Flange DN80 PN40 Form D, EN1092-1 / 316/316L
	MD Flange DN80 PN40 Form A, EN1092-1 / 316/316L

	K9 Flange DN80 PN40 Form B1 with hub, EN1092-1 / 316/316L
	KQ Flange DN80 PN63 Form B1, EN1092-1 / 316/316L
	C6 Flange DN80 PN100 Form L(DIN2696), EN1092-1 / 316/316L
	KE Flange DN100 PN16 Form B1, EN1092-1 / 316/316L
	B1 Flange DN100 PN16 Form B1, EN1092-1 / 316/316L (Ra 3.2-6.3 μm; AARH 125-250μinch)
	WE Flange DN100 PN16 Form C, EN1092-1 / 316/316L
	9E Flange DN100 PN16 Form D, EN1092-1 / 316/316L
	EE Flange DN100 PN16 Form E, EN1092-1 / 316/316L
	KG Flange DN100 PN40 Form B1, EN1092-1 / 316/316L
	WG Flange DN100 PN40 Form C, EN1092-1 / 316/316L
	YH Flange DN100 PN40 Form F, EN1092-1 / 316/316L
	9G Flange DN100 PN40 Form D, EN1092-1 / 316/316L
	EG Flange DN100 PN40 Form E, EN1092-1 / 316/316L
	KY Flange DN100 PN63 Form B1, EN1092-1 / 316/316L
	HB Flange DN100 PN63 Form F, EN1092-1 / 316/316L
	K4 Flange DN100 PN100 Form B1, EN1092-1 / 316/316L
	W4 Flange DN100 PN100 Form C, EN1092-1 / 316/316L
	94 Flange DN100 PN100 Form D, EN1092-1 / 316/316L
	BC Flange DN125 PN16 Form B1, EN1092-1 / 316/316L
	KT Flange DN125 PN16 Form D, EN1092-1 / 316/316L
	KH Flange DN150 PN16 Form B1, EN1092-1 / 316/316L
	JH Flange DN150 PN16 Form B2, EN1092-1 / 316/316L
	WH Flange DN150 PN16 Form C, EN1092-1 / 316/316L
	9H Flange DN150 PN16 Form D, EN1092-1 / 316/316L
	EH Flange DN150 PN16 Form E, EN1092-1 / 316/316L
	MA Flange DN150 PN16 Form A, EN1092-1 / 316/316L
	KN Flange DN150 PN40 Form B1, EN1092-1 / 316/316L
	JE Flange DN150 PN40 Form B2, EN1092-1 / 316/316L
	WN Flange DN150 PN40 Form C, EN1092-1 / 316/316L
	TN Flange DN150 PN40 Form F, EN1092-1 / 316/316L
	9N Flange DN150 PN40 Form D, EN1092-1 / 316/316L
	MN Flange DN150 PN40 Form A, EN1092-1 / 316/316L
	WZ Flange DN150 PN100 Form C, EN1092-1 / 316/316L
	9Z Flange DN150 PN100 Form D, EN1092-1 / 316/316L
	KJ Flange DN200 PN10 Form B1, EN1092-1 / 316/316L
	WJ Flange DN200 PN10 Form C, EN1092-1 / 316/316L
	9J Flange DN200 PN10 Form D, EN1092-1 / 316/316L
	KL Flange DN200 PN16 Form B1, EN1092-1 / 316/316L
	9O Flange DN200 PN25 Form D, EN1092-1 / 316/316L
	AX Flange DN200 PN25 Form E, EN1092-1 / 316/316L
	IF Flange DN200 PN40 Form E, EN1092-1 / 316/316L
	KR Flange DN250 PN10 Form B1, EN1092-1 / 316/316L
	KI Flange DN250 PN16 Form B1, EN1092-1 / 316/316L
	W7 Flange DN250 PN25 Form C, EN1092-1 / 316/316L
	JR Flange DN350 PN16 Form B2, EN1092-1 / 316/316L
	JS Flange DN350 PN25 Form B2, EN1092-1 / 316/316L
	JT Flange DN350 PN40 Form B2, EN1092-1 / 316/316L
	VC Flange 2" BS.10 Table E / 316/316L
	VA Flange 3" BS.10 Table D / 316/316L
	VB Flange 3" BS.10 Table F / 316/316L
	VK Flange 4" BS.10 Table D / 316/316L
	VF Flange 4" BS.10 Table E / 316/316L
	VH Flange 4" BS.10 Table F / 316/316L
	VG Flange 6" BS.10 Table E / 316/316L
	AE Flange NPS 2" Class 150 RF, ASME B16.5 / 316/316L
	TE Flange NPS 2" Class 150 ST, ASME B16.5 / 316/316L
	YE Flange NPS 2" Class 150 FF, ASME B16.5 / 316/316L
	AF Flange NPS 2" Class 300 RF, ASME B16.5 / 316/316L
	SF Flange NPS 2" Class 300 RJF, ASME B16.5 / 316/316L
	6F Flange NPS 2" Class 300 LT, ASME B16.5 / 316/316L
	OF Flange NPS 2" Class 300 LF, ASME B16.5 / 316/316L
	AG Flange NPS 2" Class 600 RF, ASME B16.5 / 316/316L
	RG Flange NPS 2" Class 600 RJF, ASME B16.5 / 316/316L
	BY Flange NPS 2" Class 600 LT, ASME B16.5 / 316/316L
	YG Flange NPS 2" Class 600 FF, ASME B16.5 / 316/316L
	A3 Flange NPS 2" Class 900 RF, ASME B16.5 / 316/316L
	S3 Flange NPS 2" Class 900 RJF, ASME B16.5 / 316/316L
	AA Flange NPS 2½" Class 150 RF, ASME B16.5 / 316/316L
	AH Flange NPS 2½" Class 300 RF, ASME B16.5 / 316/316L
	YD Flange NPS 2½" Class 600 RF, ASME B16.5 / 316/316L
	2S Flange NPS 2½" Class 1500 RJF, ASME B16.5 / 316/316L
	AI Flange NPS 3" Class 150 RF, ASME B16.5 / 316/316L
	YI Flange NPS 3" Class 150 FF, ASME B16.5 / 316/316L
	TI Flange NPS 3" Class 150 ST, ASME B16.5 / 316/316L
	SI Flange NPS 3" Class 150 RJF (R31), ASME B16.5 / 316/316L
	TQ Flange NPS 3" Class 150 SG, ASME B16.5 / 316/316L
	AJ Flange NPS 3" Class 300 RF, ASME B16.5 / 316/316L
	LJ Flange NPS 3" Class 300 RJF (R31), ASME B16.5 / 316/316L
	6J Flange NPS 3" Class 300 LT, ASME B16.5 / 316/316L
	HA Flange NPS 3" Class 300 LG, ASME B16.5 / 316/316L
	AZ Flange NPS 3" Class 600 RF, ASME B16.5 / 316/316L
	SZ Flange NPS 3" Class 600 RJF, ASME B16.5 / 316/316L
	BU Flange NPS 3" Class 600 LT, ASME B16.5 / 316/316L
	A7 Flange NPS 3" Class 900 RF, ASME B16.5 / 316/316L
	S7 Flange NPS 3" Class 900 RJF, ASME B16.5 / 316/316L
	AV Flange NPS 3" Class 1500 RF, ASME B16.5 / 316/316L
	SV Flange NPS 3" Class 1500 RJF, ASME B16.5 / 316/316L
	SC Flange NPS 3" Class 2500 RJF, ASME B16.5 / 316/316L
	A2 Flange NPS 3½" Class 150 RF, ASME B16.5 / 316/316L

	A1 Flange NPS 3½" Class 300 RF, ASME B16.5 / 316/316L
	AK Flange NPS 4" Class 150 RF, ASME B16.5 / 316/316L
	BS Flange NPS 4" Class 150 RF, ASME B16.5 / 316/316L (Ra 1.6-3.2 µm; AARH 63-125µinch)
	YK Flange NPS 4" Class 150 FF, ASME B16.5 / 316/316L
	T1 Flange NPS 4" Class 150 ST, ASME B16.5 / 316/316L
	SK Flange NPS 4" Class 150 RJF, ASME B16.5 / 316/316L
	B2 Flange NPS 4" Class 150 SG, ASME B16.5 / 316/316L
	9L Flange NPS 4" Class 300 RF, ASME B16.5 / 316/316L provided by customer
	AL Flange NPS 4" Class 300 RF, ASME B16.5 / 316/316L
	BR Flange NPS 4" Class 300 RF, ASME B16.5 / 316/316L (Ra 1.6-3.2 µm; AARH 63-125µinch)
	YL Flange NPS 4" Class 300 FF, ASME B16.5 / 316/316L
	EL Flange NPS 4" Class 300 ST, ASME B16.5 / 316/316L
	SL Flange NPS 4" Class 300 RJF, ASME B16.5 / 316/316L
	6L Flange NPS 4" Class 300 LT, ASME B16.5 / 316/316L
	QL Flange NPS 4" Class 300 LM, ASME B16.5 / 316/316L
	B4 Flange NPS 4" Class 300 SG, ASME B16.5 / 316/316L
	QN Flange NPS 4" Class 300 LG, ASME B16.5 / 316/316L
	AS Flange NPS 4" Class 600 RF, ASME B16.5 / 316/316L
	SB Flange NPS 4" Class 600 RJF, ASME B16.5 / 316/316L
	6S Flange NPS 4" Class 600 LT, ASME B16.5 / 316/316L
	A4 Flange NPS 4" Class 900 RF, ASME B16.5 / 316/316L
	S4 Flange NPS 4" Class 900 RJF, ASME B16.5 / 316/316L
	AW Flange NPS 4" Class 1500 RF, ASME B16.5 / 316/316L
	SS Flange NPS 4" Class 2500 RJF, ASME B16.5 / 316/316L
	DQ Flange NPS 6" Class 150 RF, ASME B16.5 / 316/316L Ra 1.6-3.2 µm; AARH 63-125µinch)
	AM Flange NPS 6" Class 150 RF, ASME B16.5 / 316/316L
	XK Flange NPS 6" Class 150 FF, ASME B16.5 / 316/316L
	AO Flange NPS 6" Class 300 RF, ASME B16.5 / 316/316L
	BQ Flange NPS 6" Class 300 RF, ASME B16.5 / 316/316L (Ra 1.6-3.2 µm; AARH 63-125µinch)
	TO Flange NPS 6" Class 300 ST, ASME B16.5 / 316/316L
	YO Flange NPS 6" Class 300 FF, ASME B16.5 / 316/316L
	QO Flange NPS 6" Class 300 LM, ASME B16.5 / 316/316L
	TP Flange NPS 6" Class 300 SG, ASME B16.5 / 316/316L
	AY Flange NPS 6" Class 600 RF, ASME B16.5 / 316/316L
	UZ Flange NPS 6" Class 600 RJF, ASME B16.5 / 316/316L
	AN Flange NPS 8" Class 150 RF, ASME B16.5 / 316/316L
	YN Flange NPS 8" Class 150 FF, ASME B16.5 / 316/316L
	AT Flange NPS 8" Class 300 RF, ASME B16.5 / 316/316L
	AP Flange NPS 10" Class 150 RF, ASME B16.5 / 316/316L
	AQ Flange NPS 10" Class 300 RF, ASME B16.5 / 316/316L
	A9 Flange NPS 12" Class 150 RF, ASME B16.5 / 316/316L
	SA Flange NPS 12" Class 300 RF, ASME B16.5 / 316/316L
	AR Flange NPS 18" Class 150 RF, ASME B16.5 / 316/316L
	EB Flange DN100 PN63 M HG/T 20592-2009 / 316/316L
	EA Flange DN100 PN160 M HG/T 20592-2009 / 316/316L
	8D Clamp 2½" PN16 (ø77.5mm) DIN32676, ISO2852 / 316L
	8B Clamp 3" PN10 (ø91mm) DIN32676, ISO2852 / 316L
	8E Clamp 3½" PN10 (ø106mm) DIN32676, ISO2852 / 316L
	8C Clamp 4" PN10 (ø119mm) DIN32676, ISO2852 / 316L
	Q8 Flange DN50 PN160, GOST 12815-80.2 / 316/316L
	QM Flange DN150 PN16, GOST 12815-80.1 / 316/316L
	QC Flange DN50 PN40 Form B, GOST 33259-2015 / 316/316L
	UA Flange DN50 10K RF, JIS / 316/316L
	UV Flange DN65 10K RF, JIS / 316/316L
	UB Flange DN80 10K RF, JIS / 316/316L
	UI Flange DN80 10K FF, JIS / 316/316L
	UQ Flange DN80 20K RF, JIS / 316/316L
	US Flange DN80 40K RF, JIS / 316/316L
	UU Flange DN100 5K FF, JIS / 316/316L
	UC Flange DN100 10K RF, JIS / 316/316L
	UG Flange DN100 10K FF, JIS / 316/316L
	UR Flange DN100 20K RF, JIS / 316/316L
	UD Flange DN125 10K RF, JIS / 316/316L
	UW Flange DN125 10K FF, JIS / 316/316L
	UE Flange DN150 10K RF, JIS / 316/316L
	UT Flange DN150 10K FF, JIS / 316/316L
	UF Flange DN200 10K RF, JIS / 316/316L
	UN Flange DN250 5K FF, JIS / 316/316L
	UJ Flange DN300 5K RF, JIS / 316/316L
	UP Flange NPS 2" Class 150 RF, JPI / 316/316L
	UL Flange NPS 3" Class 150 RF, JPI / 316/316L
	UM Flange NPS 4" Class 150 RF, JPI / 316/316L
	UH Flange NPS 6" Class 150 RF, JPI / 316/316L
	1O Swivelling holder with flange DN50 PN16 / 316/316L
	1P Swivelling holder with flange DN80 PN16 / 316/316L
	1S Swivelling holder with flange DN100 PN6 / 316/316L
	1W Swivelling holder with flange DN125 PN16 / 316/316L
	1Q Swivelling holder with flange DN100 PN16 / 316/316L
	1B Swivelling holder with flange DN150 PN16 / 316/316L
	1Z Swivelling holder with flange DN200 PN6 / 316/316L
	1F Swivelling holder with flange 2" 150lb / 316/316L
	1G Swivelling holder with flange 3" 150lb / 316/316L
	1H Swivelling holder with flange 4" 150lb / 316/316L
	1A Swivelling holder with flange 4" 300lb / 316/316L
	1I Swivelling holder with flange 6" 150lb / 316/316L
	1J Swivelling holder with flange 8" 150lb / 316/316L
	1K Swivelling holder with flange 8" / 316/316L
	1U Swivelling holder with flange 4" BS.10 Table D / 316/316L



	1L Swivelling holder with flange DN50 10K, JIS / 316/316L
	1M Swivelling holder with flange DN80 10K, JIS / 316/316L
	23 Swivelling holder with flange DN90 5K, JIS / 316/316L
	1V Swivelling holder with flange DN90 10K, JIS / 316/316L
	1R Swivelling holder with flange DN100 5K, JIS / 316/316L
	1N Swivelling holder with flange DN100 10K, JIS / 316/316L
	21 Swivelling holder with flange DN125 10K, JIS / 316/316L
	1X Swivelling holder with flange DN150 10K, JIS / 316/316L
	GA Thread G $\frac{3}{4}$ PN40, DIN3852-A / 316L
	NA Thread $\frac{3}{4}$ NPT PN40, ASME B1.20.1 / 316L
	GP Thread G1 $\frac{1}{2}$ PN40, DIN3852-A / Alloy C22 (2.4602)
	NP Thread 1 $\frac{1}{2}$ NPT PN40, ASME B1.20.1 / Alloy C22 (2.4602)
	GB Thread G1 $\frac{1}{2}$ PN100, DIN3852-A / 316L
	GS Thread G1 $\frac{1}{2}$ PN100, DIN3852-A / Alloy C22 (2.4602)
	NB Thread 1 $\frac{1}{2}$ NPT PN100, ASME B1.20.1 / 316L
	NS Thread 1 $\frac{1}{2}$ NPT PN100, ASME B1.20.1 / Alloy C22 (2.4602)
	NR Thread 2NPT PN40, ASME B1.20.1 / Alloy C22 (2.4602)
	GC Thread G2 PN100, DIN3852-A / 316L
	NC Thread 2NPT PN100, ASME B1.20.1 / 316L
	GF Thread G2 PN160, DIN3852-A / 316L
	NF Thread 2NPT PN160, ASME B1.20.1 / 316L
	NH Thread 2 $\frac{1}{2}$ NPT PN40, ASME B1.20.1 / 316L
	NX Thread 3NPT 3000lb, ASME B16.11 / 316L
	FA Flange DN25 PN40 Form C, DIN2501 / 316/316L
	PB Flange DN40 PN40 Form C, DIN2501 / 316/316L, Alloy C22 (2.4602) plated
	RC Flange DN50 PN40 Form C, DIN2501 / Alloy C22 (2.4602)
	PC Flange DN50 PN40 Form C, DIN2501 / 316/316L, Alloy C22 (2.4602) plated
	RD Flange DN80 PN40 Form C, DIN2501 / Alloy C22 (2.4602)
	PD Flange DN80 PN40 Form C, DIN2501 / 316/316L, Alloy C22 (2.4602) plated
	IQ Flange DN80 PN64 Form F, DIN2501 / 316/316L
	LQ Flange DN80 PN64 Form V13, DIN2501 / 316/316L
	RH Flange DN80 PN64 Form R13, DIN2501 / Alloy C22 (2.4602)
	P6 Flange DN80 PN100 Form C, DIN2501 / 316/316L, Alloy C22 (2.4602) plated
	O6 Flange DN80 PN100 Form N, DIN2501 / Alloy C22 (2.4602)
	RF Flange DN80 PN100 Form R13, DIN2501 / Alloy C22 (2.4602)
	RE Flange DN100 PN16 Form C, DIN2501 / Alloy C22 (2.4602)
	PE Flange DN100 PN16 Form C, DIN2501 / 316/316L, Alloy C22 (2.4602) plated
	PG Flange DN100 PN40 Form C, DIN2501 / 316/316L, Alloy C22 (2.4602) plated
	R4 Flange DN100 PN100 Form C, DIN2501 / Alloy C22 (2.4602)
	PF Flange DN125 PN16 Form C, DIN2501 / 316/316L, Alloy C22 (2.4602) plated
	FX Flange DN125 PN40 Form C, DIN2501 / 316/316L
	4H Flange DN150 PN16 Form C, DIN2501 / Alloy 400 (2.4360)
	PH Flange DN150 PN16 Form C, DIN2501 / 316/316L, Alloy C22 (2.4602) plated
	EZ Flange DN150 PN100 Form E, DIN2501 / 316/316L
	PJ Flange DN200 PN10 Form C, DIN2501 / 316/316L, Alloy C22 (2.4602) plated
	PL Flange DN200 PN16 Form C, DIN2501 / 316/316L, Alloy C22 (2.4602) plated
	FO Flange DN200 PN25 Form C, DIN2501 / 316/316L
	KM Flange DN32 PN40 EN1092-1 Form B1 / 316/316L
	KB Flange DN40 PN40 Form B1, EN1092-1 / 316/316L
	ZC Flange DN50 PN40 Form B1, EN1092-1 / 316/316L, Alloy C22 (2.4602) plated
	ZP Flange DN50 PN63 Form B1, EN1092-1 / 316/316L, Alloy C22 (2.4602) plated
	WT Flange DN65 PN40 Form C, EN1092-1 / 316/316L
	9T Flange DN65 PN40 Form D, EN1092-1 / 316/316L
	ED Flange DN80 PN40 Form B1, EN1092-1 / 304L
	DD Flange DN80 PN40 Form B1, EN1092-1 / Alloy C22 (2.4602)
	ZD Flange DN80 PN40 Form B1, EN1092-1 / 316/316L, Alloy C22 (2.4602) plated
	QD Flange DN80 PN40 Form D, EN1092-1 / 304L
	4D Flange DN80 PN40 Form D, EN1092-1 / Alloy C22 (2.4602)
	2D Flange DN80 PN40 Form A, EN1092-1 / Alloy C22 (2.4602)
	3E Flange DN100 PN16 Form B1, EN1092-1 / Alloy C22 (2.4602)
	ZE Flange DN100 PN16 Form B1, EN1092-1 / 316/316L, Alloy C22 (2.4602) plated
	2A Flange DN100 PN16 Form D, EN1092-1 / Alloy C22 (2.4602)
	2E Flange DN100 PN16 Form A, EN1092-1 / Alloy C22 (2.4602)
	ZG Flange DN100 PN40 Form B1, EN1092-1 / 316/316L, Alloy C22 (2.4602) plated
	3G Flange DN100 PN40 Form C, EN1092-1 / Alloy C22 (2.4602)
	2G Flange DN100 PN40 Form D, EN1092-1 / Alloy C22 (2.4602)
	ZH Flange DN150 PN16 Form B1, EN1092-1 / 316/316L, Alloy C22 (2.4602) plated
	QH Flange DN150 PN16 Form D, EN1092-1 / 304L
	ZN Flange DN150 PN40 Form B1, EN1092-1 / 316/316L, Alloy C22 (2.4602) plated
	AC Flange NPS 1 $\frac{1}{2}$ " Class 150 RF, ASME B16.5 / 316/316L
	BA Flange NPS 1 $\frac{1}{2}$ " Class 150 RF, ASME B16.5 / 316/316L, Alloy C22 (2.4602) plated
	YA Flange NPS 1 $\frac{1}{2}$ " Class 150 FF, ASME B16.5 / 316/316L
	AD Flange NPS 1 $\frac{1}{2}$ " Class 300 RF, ASME B16.5 / 316/316L
	AU Flange NPS 1 $\frac{1}{2}$ " Class 600 RF, ASME B16.5 / 316/316L
	DE Flange NPS 2" Class 150 RF, ASME B16.5 / Alloy C22 (2.4602)
	5E Flange NPS 2" Class 150 RF, ASME B16.5 / Alloy 400 (2.4360)
	BE Flange NPS 2" Class 150 RF, ASME B16.5 / 316/316L, Alloy C22 (2.4602) plated
	DF Flange NPS 2" Class 300 RF, ASME B16.5 / Alloy C22 (2.4602)
	5F Flange NPS 2" Class 300 RF, ASME B16.5 / Alloy 400 (2.4360)
	BF Flange NPS 2" Class 300 RF, ASME B16.5 / 316/316L, Alloy C22 (2.4602) plated
	TF Flange NPS 2" Class 300 ST, ASME B16.5 / Alloy C22 (2.4602)
	YF Flange NPS 2" Class 300 FF, ASME B16.5 / 316/316L
	BG Flange NPS 2" Class 600 RF, ASME B16.5 / 316/316L, Alloy C22 (2.4602) plated
	D3 Flange NPS 2" Class 900 RJF, ASME B16.5 / Alloy C22 (2.4602)
	XE Flange NPS 3" Class 150 RF, ASME B16.5 / Alloy C22 (2.4602)
	DJ Flange NPS 3" Class 300 RF, ASME B16.5 / Alloy C22 (2.4602)
	5J Flange NPS 3" Class 300 RF, ASME B16.5 / Alloy 400 (2.4360)



Others

Unit: m

Customer or application-specific parameter adjustment:

without
 Individual parameter set
 Wave height measurement
 Digestion tower measurement
 Conveyor belt monitoring
 Customer adjustment Messrs. MTU - X58751900024/N81
 Customer adjustment Messrs. MTU - X58751900025/N81
 Customer adjustment Messrs. MTU - X58751900026/N81
 Customer adjustment Messrs. MTU - X59651900027/N81
 Customer adjustment Messrs. MTU - Version pipe antenna
 Customer adjustment Messrs. MTU - X58751900028/N81
 According to sensor documentation 892LTS0967/15247614
 Customer adjustment Messrs. SEBA

Linearization:

No
 Yes, please announce data

Number of operating instructions

1...1000

Measurement loop identification label

Without
 of stainless steel
 of foil

Additional cleaning procedure

Without
 Oil, grease and silicone oil-free (incl. 3.1 Inspection certificate)

Certificate / Standard

without
 (H) 2.2-Factory certificate for material (EN 10204)
 (D) 3.1-Inspection certificate for instrument with test data (EN 10204)
 (Q) Quality and Test plan
 (D+Q) 3.1 Inspection certificate for test data + Quality and test plan (EN 10204)
 (C) 3.1-Inspection certificate for material (EN 10204, NACE MR 0175)
 (C) 3.1-Inspection certificate for material (EN 10204)
 (H+Q) 2.2-Factory certification for material + Quality and test plan (EN 10204)
 (C+D) 3.1-Inspection certificate for material + Instrument with test data (EN 10204)
 (C+D+Q) 3.1-Inspection certificate for material + Instrument with test data + Quality and test plan (EN 10204)
 (C+D) 3.1-Inspection certificate for material + Instrument with test data (EN 10204, NACE MR 0175)
 (C+D+Q) 3.1-Inspection certificate for material + Instrument with test data + Quality and test plan (EN 10204, NACE MR 0175)
 (C+Q) 3.1-Inspection certificate for material + Quality and test plan (EN 10204)
 (C+Q) 3.1-Inspection certificate for material + Quality and test plan (EN 10204, NACE MR 0175)

Test certificate

without
 Accuracy

Dye penetration test

without
 with, incl. 3.1 Inspection certificate

Pressure test

without
 according to AD2000-HP30, incl. 3.1 Inspection certificate
 acc. to ASME B31.1/B31.3, incl. 3.1 Inspection certificate

Radiographic test

without
 with, incl. 3.1 Inspection certificate

Helium leak test

without
 with (1.00*E-06 mbar l/s), incl. 3.1 Inspection certificate
 with (1.00*E-07 mbar l/s), incl. 3.1 Inspection certificate

PMI test

without
 RFA (positive material identification) incl. 3.1 inspection certificate
 OES (with carbon content) / RFA (test for mixed-up components) incl.3.1 Inspection certificate

High voltage test

without
 with, incl. 3.1 Inspection certificate

Low temperature test at -60 °C

without
 with, incl. 3.1 Inspection certificate

Durability test more than 360 h

without
 with, incl. 3.1 Inspection certificate

Suitable for tropical regions

without
 with, all attachment parts of metal (incl. 2.1 Factory certificate)

Supply certificates

with goods
 with goods and separately via courier
 no choice