

Appendix

Type code BNA (new)

Field-No.	Code	Description
Design		
1	C	Compact version
	S	Standard version
	H	High pressure version
	P	Plastics version
	L	Liquid gas / KOPlus version
	J	Special material version
	X	Heating jacket version
Twin chamber DUPlus (optional)		
2	D	Twin chamber DUPlus
Pressure equipment category to PED		
3	00	Sound engineering practise or not applicable
	A1	Modul A
	A2	Modul A2
	BC	Modul B+C2
	BD	Modul B+D
	GE	Modul G
Approval (multiple optional)		
4		Without approval
	C	ATEX Ex c
	G	DNV GL

Type code: BNA -

Classification CE

Typ	LVD	EMC	PED	ATEX	CE
BNA-_00, BNA-_D00					no
BNA-_A1, BNA-_DA1			x		yes
BNA-_A2, BNA-_DA2			x		yes
BNA-_BC, BNA-_DBC			x		yes
BNA-_BD, BNA-_DBD			x		yes
BNA-_GE, BNA-_DGE			x		yes
BNA-_Ex (BNA-_00C, BNA-_D00C)*				x	yes
BNA-_Ex (BNA-_A1C, BNA-_DA1C)*				x	yes
BNA-_Ex (BNA-_A2C, BNA-_DA2C)*			x	x	yes
BNA-_Ex (BNA-_BCC, BNA-_DBCC)*			x	x	yes
BNA-_Ex (BNA-_BDC, BNA-_DBDC)*			x	x	yes
BNA-_Ex (BNA-_GEC, BNA-_DGEC)*			x	x	yes

*BNA-_Ex on nameplate

Cross Reference BNA

Type	Replaced Type	Description
BNA-C	BNA-../.. - M...-V42x2 - ...	Compact version
BNA-S	BNA-../.. - M...-V60x..- ... (-Ex)	Standard version
BNA-H	BNA-../.. - M...-V..x..- ... (-Ex)	High-pressure version
BNA-P		Plastic version
	BNA-../16 - M...-PF63x3 - ...	PVDF
	BNA-../16 - M...-PP63x3 - ...	PP
BNA-SD	BNA-/DU../.. - M...-V60x2/60x2- ...	DUPlus version, standard
BNA-HD	BNA-/DU../.. - M...-V..x../..x..- ...	DUPlus version, high pressure
BNA-L	BNA-../.. - M...-V88x2 - ...	Liquid gas version
	BNA/KO../.. - M...-V88x2 - ...	KOPlus version
BNA-J	BNA-../.. - M...-V60/70- ...	Heating jacket version
BNA-X		Special version
	BNA-../16 - M...-VEC64x2 - ...	E-CTFE-coated
	BNA-../16 - M...-VET70x2 - ...	ETFE-coated
	BNA-../16 - M...-VTF70x2 - ...	PTFE-coated
	BNA-../.. - M...-T..x..- ...	Titan 3.7035
	BNA-../.. - M...-HC..x..- ...	Hastelloy C276
	BNA-../.. - M...-Mo..x..- ...	6Mo 1.4547 (UNS S31254)

Type Code BNA

Code

1	Approvals			
...	[Empty]	Without approvals		
	BNA-GL/	DNV GL		
	BNA-EX-GL/	Ex c / DNV GL		
2	Basic type			
	BNA	Magnetic Level Indicator		
3	Process connections			
...	GN...	Thread male DIN		
	GM...	Thread female DIN		
	NPTN...	Thread male NPT		
	NPTM...	Thread female NPT		
	S...	Welding stubs		
.././...	EN...	1st Key Flange nominal size	2nd Key Flange pressure rating	3rd Key Flange face
	...	EN 1092-1 DN 10 - DN 100	PN 6 - PN 400	Default Form B1 optional B2, C, D, E, F
	...	DIN DN 10 - DN 100	PN 6 - PN 400	Default Form C optional F, N, R13, V13
	...	ANSI 1/2" - 4"	Class 150 - 2500	Default RF optional RTJ, FF, RFSF
	GOST...	GOST 12815-80 DN 10 - DN 50	PN 6 - PN 160	Default Form 1 optional Form 7
4	(Option) Level sensor			
...	MG	Level sensor		

5	Distance centre-to-centre					
...	M...	Distance between flange centres in mm				
6	Material and chamber dimensions					
.../...x...	V	1st Key Material Stainless steel 1.4571	T	Titanium 3.7035	...x...	2nd Key Nominal Pressure Chamber OD x Wall thickness in mm
	L	Stainless steel 1.4404	6Mo	Stainless steel 1.4547 (UNS S31254)		
	VE	Stainless steel electro-polished	HC	Hastelloy 2.4819 (C276)		
	VTF	Stainless steel PTFE-lined	PP	Polypropylene		
	VET	Stainless steel E-TFE-coated	PF	PVDF		
	VEC	Stainless steel E-CTFE-coated				
7	Magnetic Display					
.../.../...	MRA	1st Key Design Plastic rollers in aluminium case, with T-slot			SA	2nd Key Scale Aluminium scale graved
	MRF	Stainless steel flaps in aluminium case, with T-slot			SK	Aluminium with adhesive foil
	MRAV	Plastic rollers in stainless steel case, with T-slot (new)			SV	Stainless steel graved
	MRFV	Stainless steel flaps in stainless steel case, with T-slot (new)			SK	Stainless steel with adhesive foil
	MRAS	Plastic rollers in stainless steel case, hermetically sealed, with T-slot (new)			P.	with sight glass extender (for insulations)
	MRFS	Stainless steel flaps in stainless steel case, hermetically sealed, with T-slot (new)				
7	Magnetic Display					
.../.../...	P	3rd Key Division scale Percent				
	C	cm				
	M	mm				
	S	Special				
8	(Option) Magnetic Switches 1st Key Quantity					
.../...	...	1st Key Quantity Quantity	M	2nd Key Design Magnetic Switch		
9	Float (cylindrical) 2nd Key Diameter/Length in mm					
Z..S..	.V...	1st Key Material Stainless steel 1.4571	PN16	3rd Key Pressure class PN16	R48H	4th Key Magnetic system R48H
	.T...	Titanium 3.7035	PN25	PN25	K92	K92
	.HC...	Hastelloy C	K74	K74
	.G...	Borosilicate glass			A90	A90
	.VEC...	Stainless steel 1.4571 E-CTFE-coated			A110	A110
	.TEC...	Titan 3.7035 E-CTFE-coated			A125	A125
	.CF...	CF340				
	.PP...	Polypropylene				
	.PF...	PVDF				

10	Approvals	
...	[Empty]	Without approvals
	Ex	Ex c

Ordering Example

	Approvals	Basic type	Connection size	(Option) level sensor	Distance c-to-c	Material Chamber dimensions	Magnetic roller display	(Option) Magnetic switch	Float design	Approvals
Code	1	2	3	4	5	6	7	8	9	10
		BNA	EN25/6/B1	MG	M1500	V60x2	MRA/SK	3/M/2/N	ZVSS185...	Ex