

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 - ① ② ③ ④

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...		1st Key Material				2nd Key Nominal Pressure
	V	Stainless steel 1.4571	T	Titanium 3.7035	...x...	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					
.../.../...		1st Key Design				2nd Key Scale
	MRA	Plastic rollers in aluminium case, with T-slot			SA	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					
.../.../...		3rd Key Division scale				
	P	Percent				
	C	cm				
	M	mm				
	S	Special				
8	(Option) Magnetic Switches 1st Key Quantity					
.../...		1st Key Quantity		2nd Key Design		
	...	Quantity	M	Magnetic Switch		
9	Float (cylindrical) 2nd Key Diameter/Length in mm					
Z..S..		1st Key Material		3rd Key Pressure class		4th Key Magnetic system
	.V...	Stainless steel 1.4571	PN16	PN16	R48H	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



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