

Appendix

Cross Reference BNA

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

Type Code

Code

1	Basic type			
BNA	Magnetic Level Indicator			
2	Process connections			
.././...	1st Key Nom. size	2nd Key Nom. pressure	3rd Key Flange face	
EN...	EN 1092 DN 10 - DN 100	... PN6 - PN400	... Form B1, B2, C, D	
...	DIN DN 10 - DN 100	PN6 - PN400	Form, C, N, F	
...	ANSI 1/2" - 4"	Class 150 - Class 400	Form RF, SF, FF, RTJ	
JIS...	JIS DN 10 - DN 100	5 K - 63 K	Form RF, SF, FF, RTJ	
GN...	Thread male DIN			
GM...	Thread female DIN			
NPTN...	Thread male NPT			
NPTM...	Thread female NPT			
S...	Welding stubs			
3	Option: Level sensor			
...	MG	Basic type without optional code		
4	Distance centre-to-centre			
...	M...	Distance between flange centres in mm		
5	Material and chamber dimensions			
.././x..	1st Key Material	2nd Key Chamber dimensions		
V	Stainless steel 1.4571	HC	Hastelloy C	...x.. Chamber OD x Wall thickness in mm
L	Stainless steel 1.4404	MO	SS 1.4529 (6Mo)	
VE	Stainless steel electro-polished	M	Monel	
VTF	Stainless steel PTFE-lined	PP	Polypropylene	
VET	Stainless steel E-TFE-coated	PF	PVDF	
VEC	Stainless steel E-CTFE-coated			

6		Magnetic Roller Display						
		1st Key Design			2nd Key Scale			
.../...	MRA	Aluminium case with plastic rollers			SK.	with scale (plastic), graduation in cm (printed)		
	MRK	Aluminium case with ceramic rollers			SA.	Aluminium scale graved		
	MNAV	Stainless steel case with plastic rollers			SV.	Stainless steel graved		
	MNKV	Stainless steel with ceramic rollers			P.	with sight glass extender (for insulations)		
	MRAV	Stainless steel case with T-slot and plastic rollers						
	MRFV	Stainless steel case with T-slot and stainless steel flaps						
7		Option Magnetic Switches 1st Key Quantity						
		2nd Key Design			3rd Key Cable length		4th Key Options	
.../.../.../...	M.	BGU	MVE.	BGU-V-E	1	1 m	R22	Pre resistance R22 for PLC
	ME.	BGU-E	MVD.	BGU-V-Exd	2	2 m	N	NAMUR circuit according DIN EN 60947-5-6
	MS12	BGU-M12	MHT	BGU-AHT	3	3 m		
	MES12	BGU-E-M12	MVHT	BGU-VHT		
	MA	BGU-A	MIL/H	BGU-AIL/H				
	MAE	BGU-A-E	MAR	BGU-AR				
	MD.	BGU-Exd	MAD	BGU-AD				
	MV.	BGU-V	MAM	BGU-AM				
8		Float (cylindrical) 2nd Key Diameter/Length in mm						
		1st Key Material			3rd Key Pressure class		4th Key Magnetic system	
Z.S...	.V...	Stainless steel 1.4571	.G...	Borosilicate glass	PN16	PN16	R48H	R48H
	.T...	Titanium 3.7035	.VEC...	Stainless steel 1.4571	PN25	PN25	K92	K92
	.HC...	Hastelloy C		E-CTFE-coated	K74	K74
	.CF...	CF340	.TEC...	Titanium 3.7035			A90	A90
	.PP...	Polypropylene		E-CTFE-coated			A110	A110
	.PF...	PVDF					A125	A125
9		Approvals						
...	Ex	Ex-Design						

Ordering Example

	Basic type	Connec- tion size	Option level sensor	Distance centre- to-centre	Material Chamber dimensi- ons	Magnetic roller display	Option Magnetic switch	Float design	Certifi- cates
Code	1	2	3	4	5	6	7	8	9
	BNA	EN25/16/B1	MG	M1500	V60x2	MRA / SK	3 / M / 2	ZVSS185...	

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