BNA-S31/S32

Bypass Level Indicators

The Bypass Level Indicator BNA-S31/S32 is available with lengths up to 5700 mm, in one piece, medium temperature up to 150 $^{\circ}$ C max. and pressures up to 16 bar max.

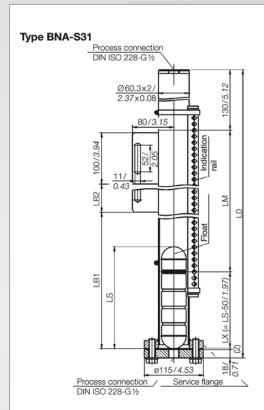
Applications

Tanks in which due to their construction internal measurement is impossible, e.g. ship building, sewage works

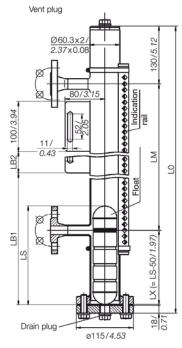
Technical Data

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Bypass tube:	Stainless steel 1.4571 (SS 316 Ti) PN 16, Ø = 60.3 x 2 mm				
Float:					
Standard:	VA 50/10 in 1.4571, min. density: 0.62 g/cm³ max. temperature: 150 °C media dependent				
Option:	VA 50/15 in 1.4571, with M4 plug min. density: 0.63 g/cm³ max. temperature: 150 °C media dependent TT 50/10 in Titanium, min. density: 0.56 g/cm³ max. temperature: 320 °C media dependent				
	TT 50/15 in Titanium, with M4 plugmin. density: 0.57 g/cm³, max. temperature: 320 °C media dependent				
Proof pressure:	1.5 x operating pressure				
Process connections:	BNA-S31 top and bottom connections: top G½, bottom service flange ½"				
	BNA-S32 side connections: threaded R ½", R ¾", 1", or flanges in: DIN DN 15, 20, 25, 32, 40, 50 or ANSI ½", ¾", 1", 1 ½", 2", NPT: ½", ¾", 1"				
Indication rail: Standard:	Makrolon (polycarbonate) clear, with white/red indication flags , up to 150 °C media dependent				
Option:	Aluminium, black anodized, flags painted silver/red, up to max. 350 °C - AL				
Accessories:	Limit switches, see datasheet Transmitters XM/XMi, XT/XTi, (see datasheet) Scale, (see datasheet accessories) Tests / certificates				

Dimensions (mm / inch)



Type BNA-S32



Bypass Level Indicators

Order Code

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Туре:	Version:								
BNA-S31	3, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4,								
BNA-S32	PN 16, G½ side connection, Makrolon indication rail, bottom service flange only								
	Side connections:								
	R ½" or ½" NPT	Process connection							
	R ¾" or ¾" NPT	Process connection							
	R 1" or 1" NPT	Process connection							
	DN 15	Flange PN16/DIN 2633 or PN 40/DIN 2635 or EN 1092-1							
	DN 20	Flange PN16/DIN 2633 or PN 40/DIN 2635 or EN 1092-1							
	DN 25	Flange PN16/DIN 2633 or PN 40/DIN 2635 or EN 1092-1							
	DN 32	Flange PN16/DIN 2633 or PN 40/DIN 2635 or EN 1092-1							
	DN 40	Flange, as above, however with conical reducer, extended from DN 32 to DN 40							
	DN 50	Flange, as above, however with conical reducer, extended from DN 32 to DN 50 Flange 150 lbs, 300 lbs ANSI B 16,5 Flange 150 lbs, 300 lbs ANSI B 16,5 Flange 150 lbs, 300 lbs ANSI B 16,5							
	1/2"								
	3/4"								
	1"								
	1 1/4"	Flange 150 lb	s, 300 lbs ANSI	B 16,5					
	1 ½"	Flange 150 lb	s, 300 lbs ANSI	B 16,5, howeve	r with conical red	lucer, extended from	DN 32 to 1 ½"		
	2"	Flange 150 lbs, 300 lbs ANSI B 16,5, however with conical reducer, extended from DN 32 to 2"							
		Indicator length [mm] (example):							
		2000/1	LM = 2000 mm						
		6000/2	LM = 6000 mm	n/in two pieces					
		Float:							
			VA 50/10	material 1.4571	l, max. 25 bar/+1	50 °C, min. density: 0.62 g/cm³			
			VA 50/15	material 1.4571, as above, however with plug M4, density: 0.63 g/cm ³					
			TT 50/10	material titaniu	320 °C, min. density	ty: 0.56 g/cm ³			
			TT 50/15	material titaniu	n, as above, however with plug M4, density: 0.57 g/cm ³				
			Indication rail:						
			MA Makrolon = standard, max. temperature: +150 °C						
			AL	Aluminium painted, max. temperature: +350 °C					
				Isolation:					
					Poliolefine shrink tubing, weather and dust				
				PO	protection for indication rail, max. temperature 105 °C				
				FU	Scale*:				
							* see datasheet		
						SK	accessories		
BNA-S31	- DN 25	- 2600/1	- VA 50/15	- MA	- PO	-SK	(Example)		