Bypass Level Indicators

BNA-S35/S36

The Bypass Level Indicator BNA S35/S36 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.

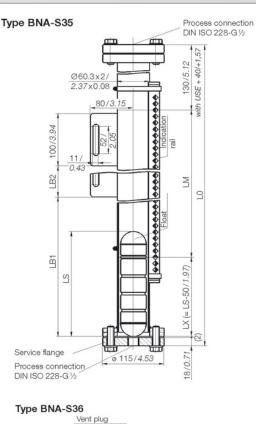
Applications

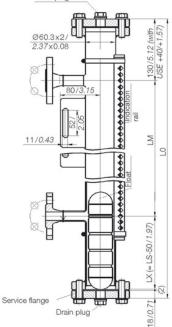
Tanks in which due to their construction internal measurement is impossible, e.g. ship building, sewage works.

Technical Data

Bypass tube:	Stainless steel 1.4571 (SS 316 Ti) PN 16, $Ø = 60.3 \times 2 \text{ mm}$			
Float: Standard:	VA 50/10 in 1.4571, min. density: 0.62 g/cm ³ max. temperature: 150 °C media dependent			
Option:	VA 50/15 in 1.4571, with M4 plug min. density: 0.63 g/cm ³ max. temperature: 150 °C media dependent			
	TT 50/10 in Titanium, min. density: 0.56 g/cm ³ max. temperature: 320 °C media dependent			
	TT 50/15 in Titanium, with M4 plugmin. density: 0.57 g/cm ³ , max. temperature: 320 °C media dependent			
Proof pressure:	1.5 x operating pressure			
Process connections:	BNA-S35 top and bottom connections: top G½, bottom service flange ½" BNA-S36 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"			
Option:	Instead of G½, top and bottom ½" NPT or flange connections with weld neck flanges.			
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)





Bypass Level Indicators

Order Code

Туре:	Version:								
BNA-S35	PN 16, top and bottom G ¹ / ₂ connections, Makrolon indication rail, top and bottom service flange								
BNA-S36	PN 16, G ¹ / ₂ side connection, Makrolon indication rail, top and bottom service flange								
	Side connections:								
	R ½" or ½" NPT	Process connection							
	R 34" or 34" 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							
	1⁄2"								
	3/4" Flange 150 lbs, 300 lbs ANSI B 16,5								
	1"	Flange 150 II	os, 300 lbs ANS	B 16,5					
	1 ¼" Flange 150 lbs, 300 lbs ANSI B 16,5								
	1 ½"	Flange 150 II	os, 300 lbs ANS	B 16,5, howeve	r with conical rec	lucer, extended f	rom DN 32 to 1 1/2"		
	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/in one piece							
		6000/2	LM = 6000 mm/in two pieces						
		Float:	Float:						
		VA 50/10	material 1.4571, max. 25 bar/+150 °C, min. density: 0.62 g/cm ³						
			VA 50/15	material 1.4571, as above, however with plug M4, density: 0.63 g/cm ³					
		TT 50/10 TT 50/15	material titanium, max. 40 bar/+320 °C, min. density: 0.56 g/cm ³						
			material titanium, 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:					
				PO	Poliolefine shrink tubing, weather and dust protection for indication rail,				
					max. temperature 105 °C				
					Scale*:				
						SK	* see datasheet accessories		
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BNA-S35	- DN 25	- 2600/1	- VA 50/15	- MA	- PO	-SK	(Example)		

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