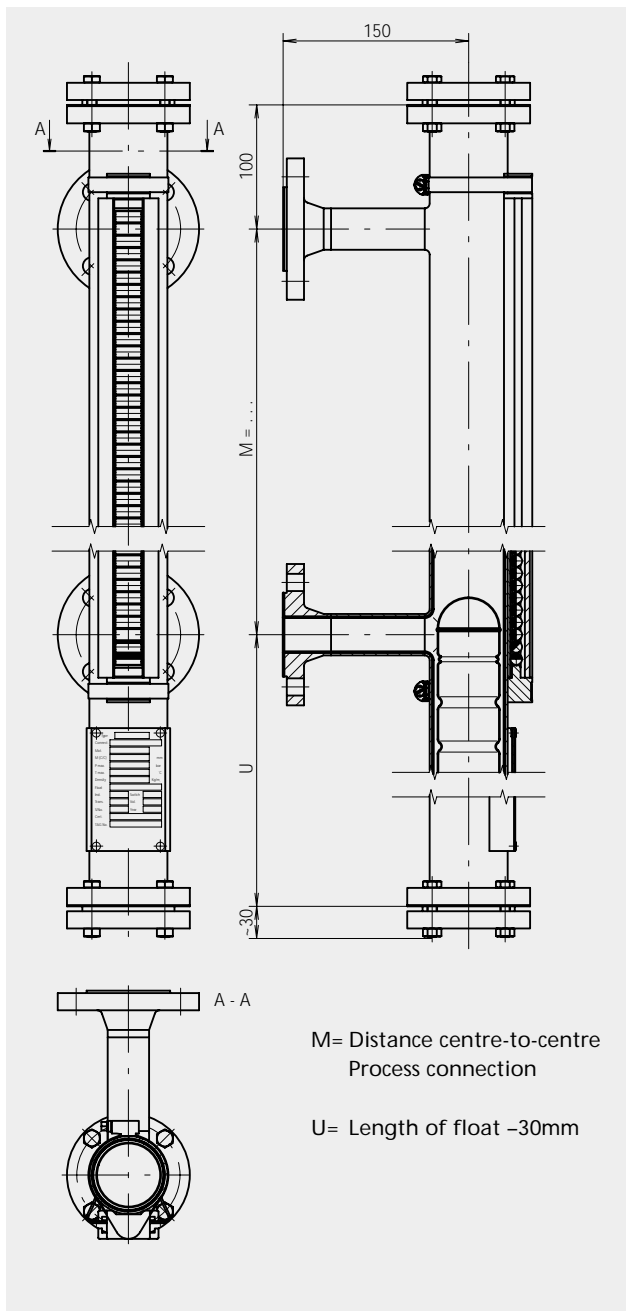


# Bypass-Level Indicators E-CTFE-coated

Type: B.. - ../16-M... - VEC64 - MRA



## Technical data

Chamber:	Ø 63,5 x 2mm
Chamber end top:	Flanged
	Options: (see pages 104 and 105) - Vent flange
Chamber end bottom:	Flanged
	Options: (see pages 104 and 105) - Drain flange
Process connections:	side - side
	Flange PN16 or 150 lb: DIN 2633; DN15 - DN32 DIN 2527; DN32 - DN100 ANSI B 16,5; 1/2" - 4"
Distance centre to centre M...:	min. 150mm to max. 3500mm (overall chamber length max. 4000mm, other dimensions on request)
Float:	Type Z.ECSS... Length of float depending on S.G. (see page 94)
Material:	Stainless steel 1.4571 (316 Ti) 1.4435 (316L) E-CTFE-coated Titanium E-CTFE-coated
Nominal pressure:	max. 16 bar
Temperature range:	depending on liquid (max. 150°C)
Magnetic roller display:	Type MRA-M...
	For technical data and further designs and options: (see pages 99 and 100)
Further options	
Magnetic switches:	see pages 101 and 102
Level sensors:	see page 103
Electrical trace heating:	on request
Chamber insulation:	on request
<b>OPTION</b>	<b>ATEX 100</b>

# Bypass floats E-CTFE-coated

Immersion depth table in relation to specific gravity of the liquid

Stainless steel 1.4571 (with ribs)	Material	Titanium (with ribs)
ECTFE	Coating	ECTFE
depends on liquid	Working temp.	depends on liquid
max. 20 bar	Working pressure	max. 16 bar
max. 30 bar	Test pressure	max. 24 bar
~53 mm	Diameter	~53 mm
ZVECSS...	Type code	ZTECSS...

Type code key							Float length L (mm)	Type code key						
450	400	350	300	250	200	150		150	200	250	300	350	400	450
885	782	680	578	476	374	272	Volume (cm <sup>3</sup> )	272	374	476	578	680	782	885
551	514	467	413	369	330	279	Weight (g)	242	270	302	332	364	401	434

Immersion in mm	Stainless steel 1.4571 ECTFE (with ribs)							Magnet system	Nominal immersion	Titanium ECTFE (with ribs)							Immersion in mm
	450	400	350	300	250	200	150			150	200	250	300	350	400	450	
	specific gravity of the liquid (kg/m <sup>3</sup> )									specific gravity of the liquid (kg/m <sup>3</sup> )							
0	--	--	--	--	--	--	--			--	--	--	--	--	--	--	
10	--	--	--	--	--	--	--			--	--	--	--	--	--	--	
20	--	--	--	--	--	--	--			--	--	--	--	--	--	--	
30	660	700	730	770	850	1000	1220			990	820	700	620	570	540	520	
40	670	720	760	800	900	1070	1350			1100	870	730	650	590	560	530	
50	<b>690</b>	<b>740</b>	<b>780</b>	<b>840</b>	<b>940</b>	<b>1140</b>	<b>1490</b>			<b>1220</b>	<b>930</b>	<b>770</b>	<b>670</b>	<b>610</b>	<b>570</b>	<b>540</b>	
60	710	760	810	870	1000	1230	1680			1370	1010	810	700	630	590	560	
70	730	780	840	910	1050	1330	1910			1550	1090	860	730	660	610	570	
80	750	810	870	960	1120	1450	2220			1790	1190	920	770	680	630	590	
90	770	830	910	1000	1190	1590	2650			--	1300	980	810	710	650	600	
100	<b>790</b>	<b>860</b>	<b>950</b>	<b>1060</b>	1280	<b>1770</b>	--			--	<b>1440</b>	<b>1040</b>	<b>850</b>	<b>740</b>	<b>670</b>	<b>620</b>	
110	810	890	990	1110	1370	1980	--			--	1620	1120	900	770	700	640	
120	840	930	1030	1180	1490	2260	--			--	1850	1220	950	800	720	660	
130	870	960	1080	1250	1620	2630	--			--	2150	1330	1010	840	750	680	
140	890	1000	1130	1330	1780	--	--			--	2570	1460	1070	880	780	700	
150	<b>930</b>	<b>1040</b>	<b>1190</b>	<b>1430</b>	<b>1970</b>	--	--			--	--	<b>1620</b>	<b>1150</b>	<b>930</b>	<b>810</b>	<b>730</b>	