

Type 1313

Horizontally-Mounted:
Trimod Besta PTFE/PVDF/PP

3"-6"
ANSI Flange

Up to 392°F
Temperature

PP, PTFE, PVDF
Wetted Parts



ABOUT TYPES 1313, 1314, 1513, 1613 Trimod Besta PTFE/PVDF/PP

The main feature of the non-metallic range is that all wetted materials are in corrosion-resistant plastics such as PP, PTFE or PVDF. Typical applications are chemical engineering, electroplating, food industry, etc.

Application Examples:

- Chemical Engineering
- Food Industry
- Electroplating
- Vacuum Duty

For more information about our complete line of horizontally-mounted liquid level switches, visit our web site at:
<http://www.granzow.com/liquidlevelcontrols/horizontal/>

The Plastic Range for corrosive or high purity media

The main feature of the Plastic Range is that all wet-side materials are in corrosion resistant plastics such as PP, PTFE or PVDF. Following are four typical examples, but these are by no means the limit of possible combinations which can be specified by reference to the module descriptions on pages 21 to 35.

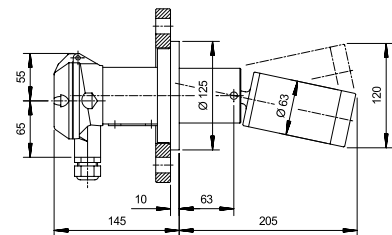
Type A 301 99 - For general use in PP

Nominal pressure	PN 10	max. 10 bar up to 25°C max. 5 bar at 45°C max. 2.5 bar at 60°C
Operating temperature	0 to 60°C	
Ambient temperature	0 to 60°C	
Density of liquid	min. 0.65 kg/dm ³	
Operating differential	fixed 12 mm	
Rod extension	see page 36	
Wet-side material	PP	
Flange material	Seal part: PP Composite flange: PVC	
Switch housing material	Sea water resistant die cast aluminium	
Flange	DN 80, PN 10 to DIN 2501	
Flange facing	Raised face type C, DIN 2526	
Switch element	Microswitch SPDT, silver contacts	
Switch rating	250 VAC, 5 A 30 VDC, 5 A	
Enclosure	IP 65	
Weight	approx. 1.9 kg	

Vacuum Applications:

For vacuum duty a modified sealing must be used, suffix to flange code is E20, e.g. A 301E20 99. This must be specified in the purchase order. The vacuum sealing unit is capable of operating to 0 bar absolute pressure.

Proven application areas: chemical engineering, electroplating, food industry, etc.



Type A 304 98 - For high temperature and corrosive applications in PTFE

Nominal pressure	PN 10	max. 10 bar up to 50°C max. 6 bar at 100°C max. 3 bar at 200°C
Operating temperature	0 to 200°C	
Ambient temperature	0 to 70°C	
Density of liquid	min. 0.75 kg/dm ³	
Operating differential	fixed 12 mm	
Rod extension	see page 36	
Wet-side material	PTFE	
Flange material	Seal part: PTFE 25% GRP Composite flange: H II, zinc galvanised, passivated	
Switch housing material	Sea water resistant die cast aluminium	
Flange	DN 80, PN 10 to DIN 2501	
Flange facing	Raised face type C, DIN 2526	
Switch element	Microswitch SPDT, silver contacts	
Switch rating	250 VAC, 5 A 30 VDC, 5 A	
Enclosure	IP 65	
Weight	approx. 5 kg	

