

Selection guide

Buoyancy/displacer level



Model	244LD LevelStar	167LP LevelStar
Type/design	Sandwich mounted	Sandwich mounted
Measurements	Level, interface, density	Level, interface, density
Size	DN70/80/100 ANSI 3"/4"	DN80/100 ANSI 3"/4"
Accuracy	±0.2% at level, density, and interface measurement. Increased accuracy with customized adjustments.	Relative error <1%
Pressure range	Full vacuum up to 500 bar/7,250 psi	Full vacuum up to 250 bar/3,625 psi
Process temperature range	-196 °C to +500 °C (-320 °F to +932 °F)	-196 °C to +500 °C (-320 °F to +932 °F)
Ambient temperature range	-50 °C to +85 °C (-58 °F to +185 °F)	-50 °C to +90 °C (-58 °F to +194 °F)
Measuring range	Up to 50 m/165'	Up to 50 m/165'
Body material ¹	316L Stainless Steel, 321, Duplex Inconel® 625, 825 Carbon Steel Hastelloy C	316 Stainless Steel Carbon Steel Hastelloy C
Housing material	Aluminum and Stainless Steel	Aluminum
Certifications and approvals	ATEX ia/d, FM, CSA, EAC, NEPSI, INMETRO SIL2, NACE	ATEX ia/d NACE
Communication protocols	HART®, FOUNDATION™ Fieldbus	Pneumatic
Protection category	IP66	IP55/IP65
Accessories	Heating/cooling	Heating/cooling
Specifications*	PSS EML0171 G	PSS EML0110 A

¹ Others on Request.

* Please use this term in our search window on www.schneider-electric.com to access more product details.