

TUNING FORK VIBRATING LEVEL SWITCH

AI.VLS5000



DESCRIPTION

Housing: IP68 - Explosion Proof: Class I, Groups A, B, C, D; Class II, Groups E, F, G; NEMA 4X
AI.VLS5000 Series are assembled with a tuning fork and energized sensor. It vibrates frequently with mechanical resonance to detect the liquid level when the tuning fork is immersed into process liquid.

TECHNICAL DATA

Wetted part material: 316 stainless steel

Thread connection: 1" NPT, 1" BSP

Flange connection: from 1" to 3", JIS, ANSI, DIN and Clamp available

Detection length: minimum 100kg/cm², up to 400 kg/cm² on request

Liquid viscosity: 0.2-10000 mpas

Liquid density: 0.6 g/cm³ - 2.5 g/cm³

Housing: IP68

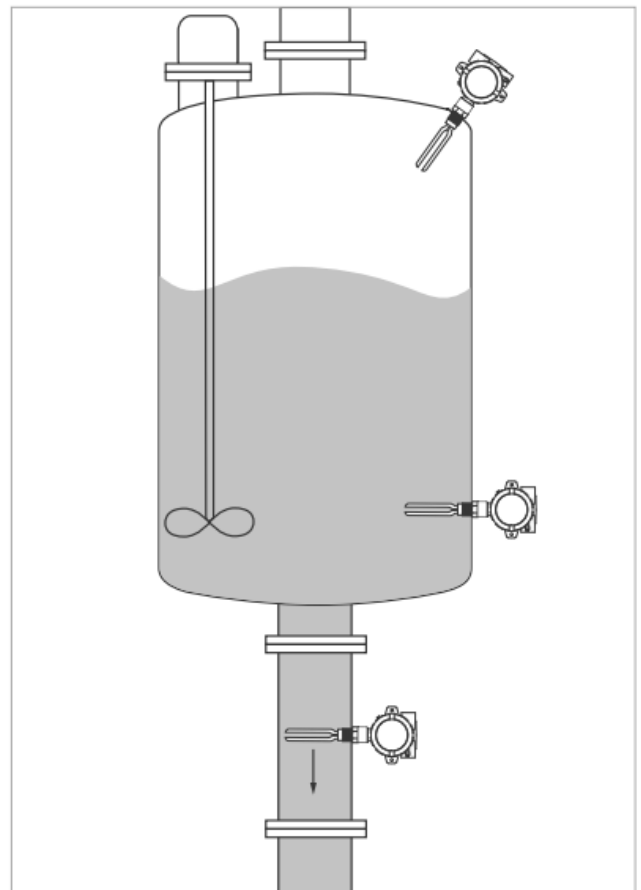
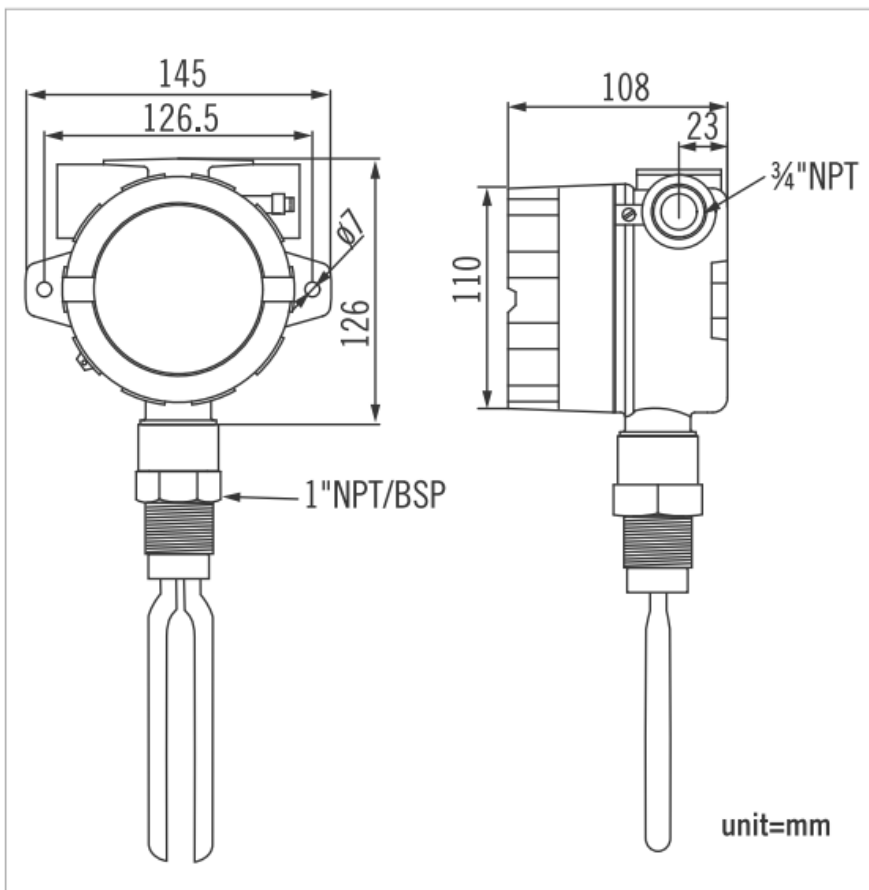
Explosion Proof: Class I, Groups A, B, C, D; Class II, Groups E, F, G; NEMA 4X

Power Supply: 110VAC, 220VAC, 24VDC

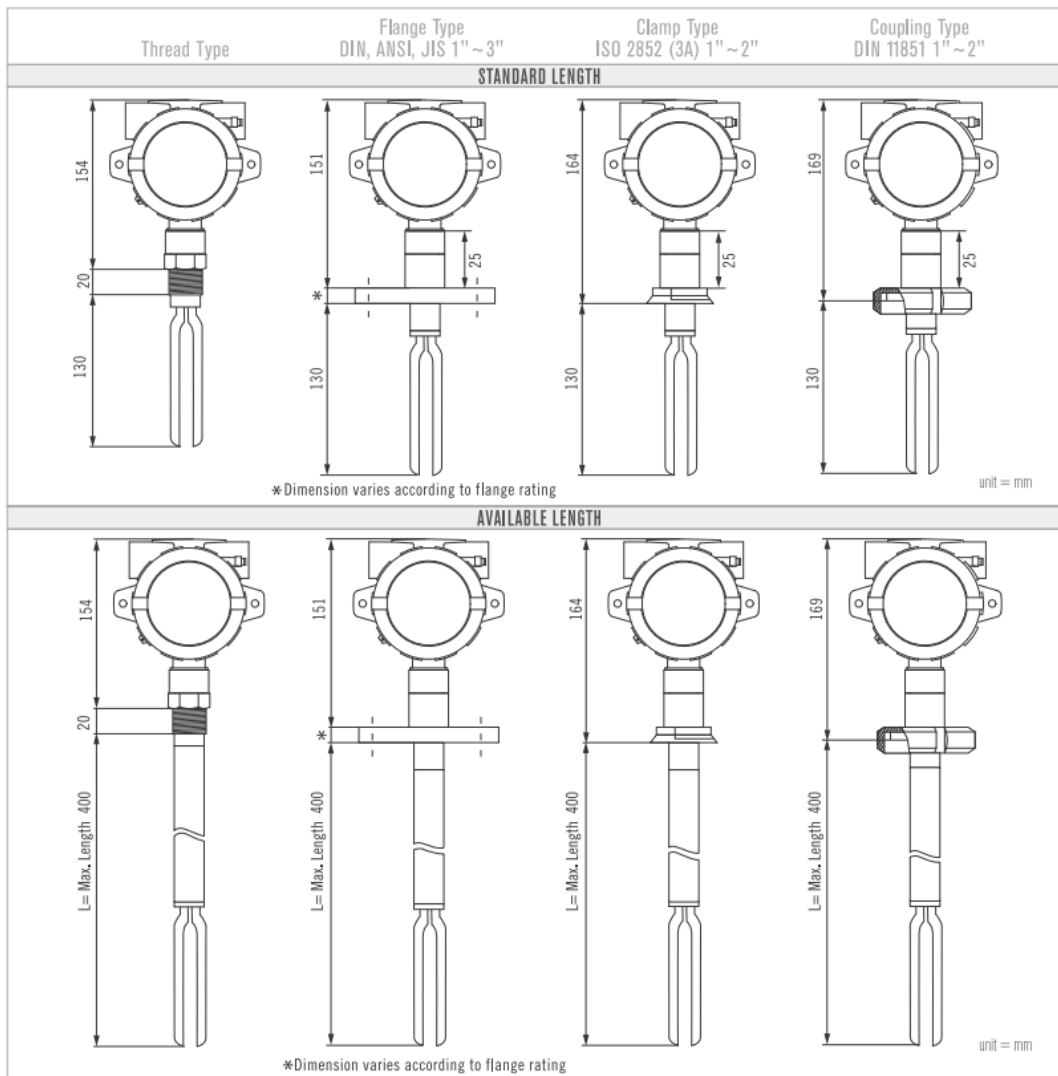
Contact Form: SPDT

Contact Rating: 20A/125VAC, 12A/250VAC

Housing Dimensions, Application and Installation



PROCESS CONNECTIONS



ORDERING INFORMATION

VLS5000	Code	Process Connection	
		(1) Thread type (2) Flange type (3) Clamp type (4) Coupling type	
		Code	Connection Size
			(A) 1" (Thread only) (B) 1½" (C) 2" (D) 3"
		Code	Connection Rating
			Thread: (1) NPT (2) BSP Flange: (3) JIS10K (4) JIS20K (5) ANSI 150# (6) ANSI 300# (7) PN10 (8) PN16 (9) PN25 (0) Option: fill in the requested rating _____
		Code	Electronic Connection
			(E) ¾"NPT Female, Standard (F) ½"NPT Female
		Code	Insertion Length
		S	Standard
		L	Fill in the requested length ie: L=300mm
		Code	Power Supply
			(A) 110VAC (B) 220VAC (C) 24VDC
VLS5000			Complete Ordering Code



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Company with
Certificate of Quality
System ISO 9001:2015
Cert n°38785/19/S