

**Level sensor - vibrating fork type****LVL****FEATURES**

- Detects liquids by vibration change
- All stainless steel wetted parts
- 1" BSP standard thread
- Ideal for most liquids
- 18 - 30Vdc supply
- PNP switching

**Technical data - Type 770-01x1 / 770 01x2**

Switch Point	ca. 25mm from sensor end	
Reaction time dry-wet/wet-dry	ca. 1second	
Connection	G1A 1"NPT, flanges DIN/ANSI	
Operating Pressure	2.5 MPa (25bar)	
Operating Temperature	Model: 01x1	-40 to + 150°C
	Model: 01x2	-40 to + 80/95/120/120°C
Insertion length L:	0101:	128 mm
	0111:	220 to 3000 mm
	0102:	127 mm
	0112:	220 to 3000 mm
Output	Model: 01x1	4-wire, pnp, n.o. and n.c.
	Model: 01x2	2-wire DIN 19234 (NAMUR)
Connection	V1-plug 4-pole, M12 x 1	
Protection	IP65	
Material (housing)	PBT or 1.4571	
Material (fork)	Stainless steel 1.4581 EcTFE (Halar) - coating with flange	
Signal (Model 01x2 only)	Ex ia IIC T6/T5/T4/T3	

**PRESSURE-VACUUM-LEVEL LTD**

Unit 9, Lexden Lodge Industrial Estate, Jarvis Brook,  
Crowborough, East Sussex, TN6 2NQ U.K.

Tel: +44(0)1892 66 44 99 Fax: +44(0)1892 66 36 90

Web: [www.pvl.co.uk](http://www.pvl.co.uk) Email: [info@pvl.co.uk](mailto:info@pvl.co.uk)

