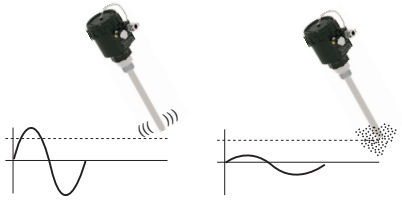
ELT çamur seviye şalteri , diğer titreşimli seviye şalteri türlerinden biridir. Diğer sensörlerin aksine materyallerin prob üzerine yapışmasından, darbelerden etkilenmez. Sıkışma problemi yoktur ve yüksek hassasiyetlidir. ELT serisi sensörler “resonans” prensibini kullanarak piezoelektrik elemetler sayesinde titreşim üretir. Sadece prob çevresini çamur kapladığında titreşim frekansı büyük derecede düşer ve bu da çıkış sinyalinin oluşmasını sağlar.







Protection Case:

Material : 304 Stainless Steel
Welded manufacturing
Opens - Closes Hinged
To Protect Against external conditions.

ELT

VIBRATING TYPE LEVEL SWITCH (FOR SLUDGE)

ELT 504

Advantages:

Suitable for side as well as top mounting
Minimum and maximum fail safe field selectable.
Process pressure max. 20 bar
Process temperature max 150 °C
Low power consumption.
No Calibration Required
Settable switching delay as a standard feature
Durable Construction
Immune to External Vibrations

Model : 79-2026-001

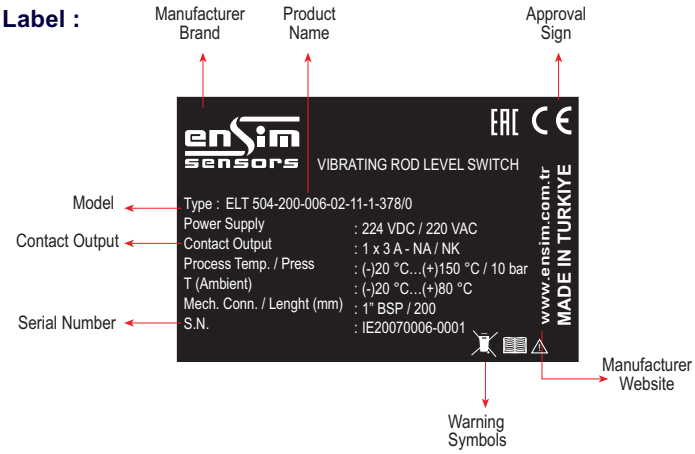
Technical specifications :

Fluid	Sludge with water
Wet Parts	316 Stainless Steel
Fork Material	316 Stainless Steel
Housing Material	Aluminuim
Max. Solid Particle Size	⩽ 10 mm
Max. Liquid Viscosity	< 1000 mm² / sn
Measurement Density	For Solid⩾ 0,1 g. / cm³
Vibration Frequency	300 ± 50KHz (For ELT101, 201)
DelayTime	0.5 sec (Vibration Stop) 1-2 sec (Vibration Start) It can be adjusted between 1-60 seconds.
Exit	1 x 3A NO / NC Relay 30 VDC / 220 VAC
Supply	15-80 VDC , 15-260 VAC
Power consumption	2,5 W
Connection	1 ” BSP (Std.) Male Thread Opt. Flanged
Working Pressure	Max. 20 bar
Working Temperature	(-) 20 °C...(+) 150 °C (Std.)
Ambient Temperature	(-) 20 °C...(+) 80 °C
Ambient Humidity	% 95 RH
Protection Class (EN60529)	IP 66

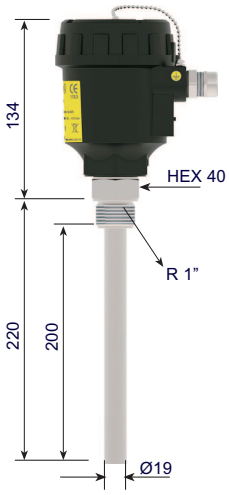
Applications :

Çamur tankları, toprak siloları gibi çamurlu ve çamur oluşabilecek ortamlarda boş ve istenilen miktar alarmlarıiçin kullanılır.

Label :



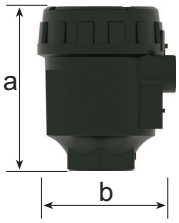
ELT 504



Housing :

ORDER CODE	TYPE	MATERIAL	PROTECTION CLASS	TEMPERATURE (°C)	SIZE a x b (mm)
600	B20x	Aluminium	IP 66	-40...+200	132 x 104

Aluminium



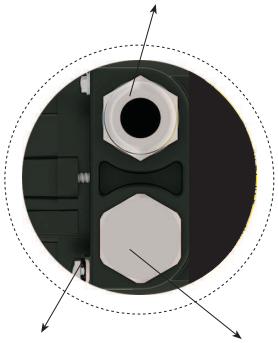
B20x

DO NOT OPEN WHEN ENERGIZED
KEEP TIGHT WHEN CIRCUIT ALIVE



Aluminium Housing

Cable Plug
(Suitable Cable Diameter : Ø 6-12mm)



Grounding Terminal
(Max.1,5 mm²)

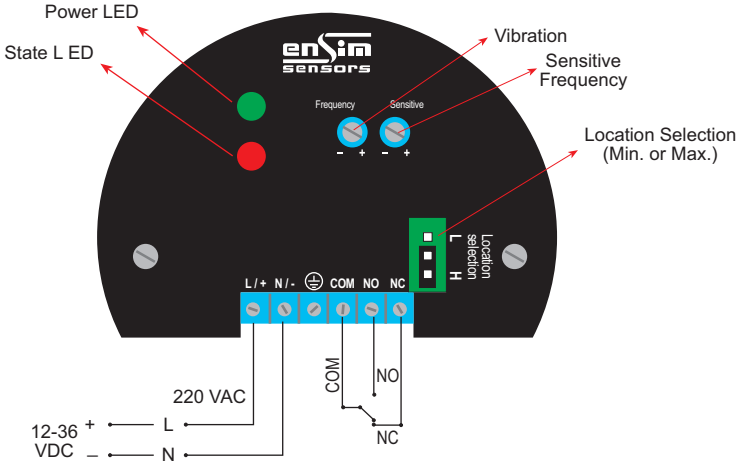
Recommended Cable (5x1,5 mm²)

Bund Stops



Electrical Connection :

For ELT 504



Order Form : Please consider sample models when coding

1 MODEL ELT

Sludge Type.....5

2 CERTIFICATE

None.....0

(EN10204-3-1) Material Certification.....1

3 CONNECTION TYPE

Rod Type.....4

4 STEM LENGHT (mm) L

Std. 200

5 CONNECTION

1” BSP (Std.).....0006

DN 50 - PN 16 (Std.).....0505

DN 80 - PN 16.....0507

DN 100 - PN 16.....0508

Special.....x

6 WETTED PART MATERIAL

316 Stainless Steel.....002

7 OUTPUT

1 x 3A NO / NC Relay (For ELT101, 201 İçin)..43

8 WORKING TEMPERATURE

(-) 20 °C...(+) 150 °C.....1

9 HOUSING

Aluminium Housing , B20x IP 66.....600

10 OPTIONAL

None...../ 0

Protection Case - for Outside Tank. 304 St. St. ..../ K2

EXAMPLE

ELT 504-200-0006-002-43-1-600/0

Vibrating Type Level Switch, Model ELT504 , L=200 mm ,1” BSP Male Thread , 1 Contact

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