

EAVT-LG Series

EVOTEK Level Sensor with Temperature gauge



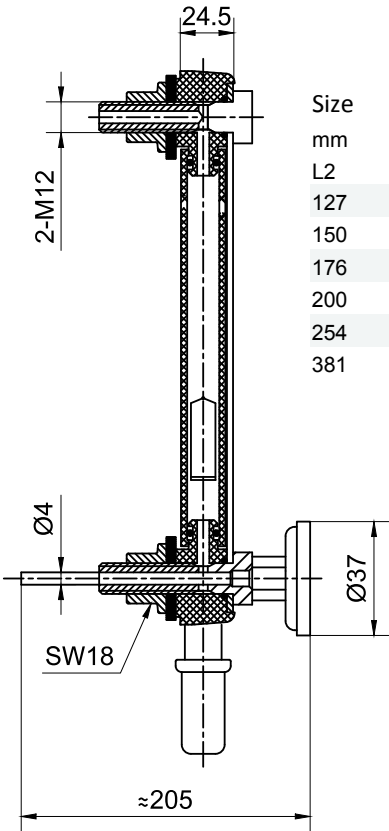
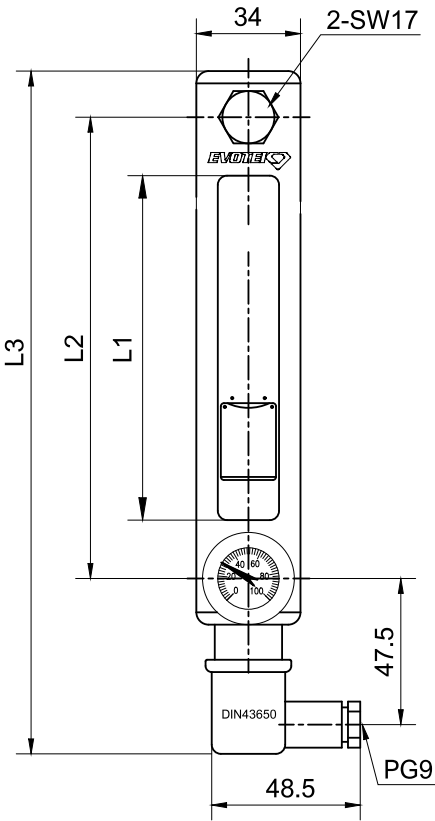
Product Description

- Measures the temperature of the operating fluid in the tank in °C
- Monitor the fluid level via an electrical signal. This switch signal can be used for a warning or to control the level.
- Better visual fluid level monitoring possible with yellow float
- to be mounted directly on to the operating fluid tank
- application in Machine tools, system engineering, tanks for hydraulic, lubricating and cutting oils, and gearboxes.

Technical Specifications

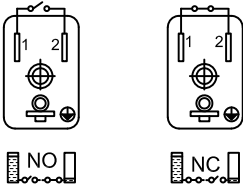
Application	Level Sensor with temperature gauge
Port Sizes:	Mounted using two banjo bolts
Mounting position:	Vertically on the tank wall (connection plug at bottom of the tank)
Notes:	The upper viscosity limit is 2,000 mm ² /s.
Material	
Housing frame:	Aluminium
Seals:	NBR or FPM
Lens:	Polyamide
Connectors:	Polyamide
Temperature range:	-20°C to 80°C
Instrument plug:	DIN43650A
Degree of protection:	IP65
Switching current:	0.5A
Switching voltage:	12 - 50 V AC/DC
Screw tightening torque:	8 ~ 10 Nm
Nominal pressure:	max. 0.5 bar
Operating fluids:	Mineral oil to DIN 51524 Part 1 and 2, water-oil emulsions and synthetic fluids, such as hydraulic fluids based on phosphate ester. (other fluids on request)

EAVT-LG Level Sensor with temperature gauge



Size		
mm	mm	mm
L2	L1	L3
127	88	199
150	111	222
176	137	248
200	161	272
254	2x90	326
381	3x100	453

Level Sensor Connection



Connector: DIN43650
Wiring: 1-2 (NO&NC)
Voltage: 12 - 50 V AC/DC
Current: 0.5A

Order Codes

Series	A	B	C	D	E
EAVT-LG	127	B	M12	Z	NO

A Length(L2)	
127	
150	
176	
200	
254	
381	
B Seal	
B	NBR
V	FPM

C Installation conditions (Banjo bolt thread)	
M12	
D Fastening bolts and nuts material	
Z	Zinc Plated
S	Stainless Steel
E Level switch Contact function	
NO	Normally opened
NC	Normally closed