

EAVT-LG Series

EVOTEK Level Sensor with Temperature gauge



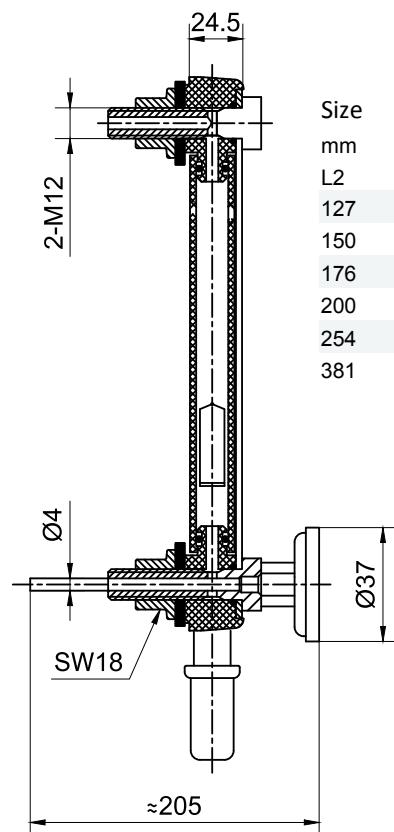
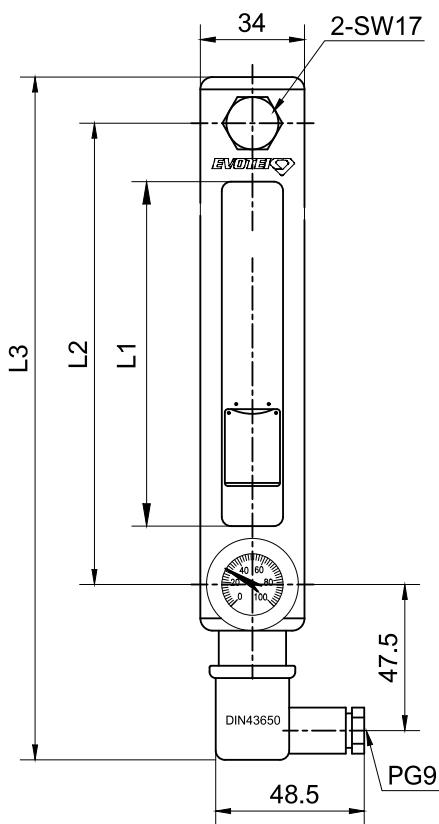
Product Description

- 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

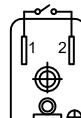
Application	Level Sensor with temperature gauge
Port Sizes:	Mounted using two banjo bolts
Mounting position:	Vertically on the tank wall (connection plug at bottom of the tank)
Notes:	The upper viscosity limit is 2,000 mm ² /s.
Material	
Housing frame:	Aluminium
Seals:	NBR or FPM
Lens:	Polyamide
Connectors:	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	127	88	199
150	111	222	
176	137	248	
200	161	272	
254	2x90	326	
381	3x100	453	

Level Sensor Connection



NO



NC

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

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

B Seal

B NBR

V FPM