EAVT-LS Series

## EVOTEK Level Sensor with thermo switch

Product Description

- 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
- Three nominal temperatures possible: 60 °C, 70 °C and 80 °C.
- 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 thermo switch
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 mm²/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:	Level Sensor: 0.5A
	Thermo switch: 2A
Switching voltage:	Level Sensor: 12 - 50 V AC/DC
	Thermo switch: 250 VAC
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)

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Technical specification subject to change without prior notice. Other specification on request. 2024/6/30

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EAVT-LS Level Sensor with thermo switch

34 SW17

24.5

M12

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

L3 L2 L1

16 DIN43650

34

≈47

DIN43650

PG7

PG9

48.5

Ø10 M12

SW18

114
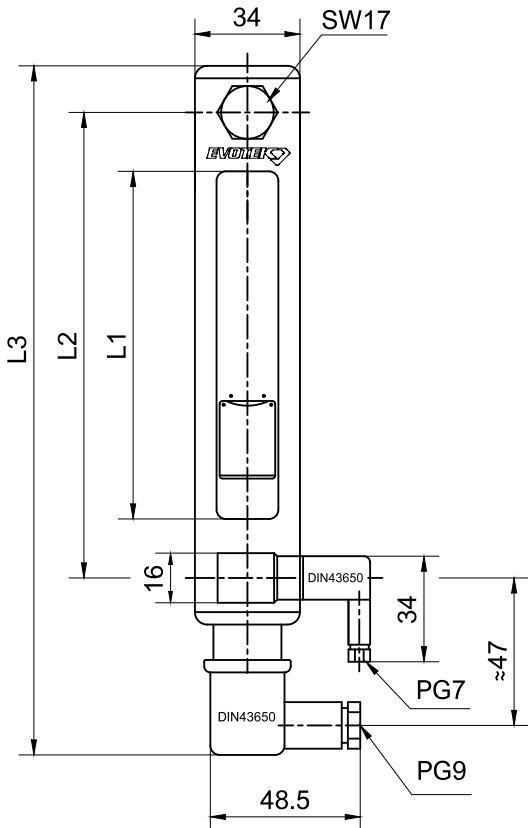
Level Sensor Connection

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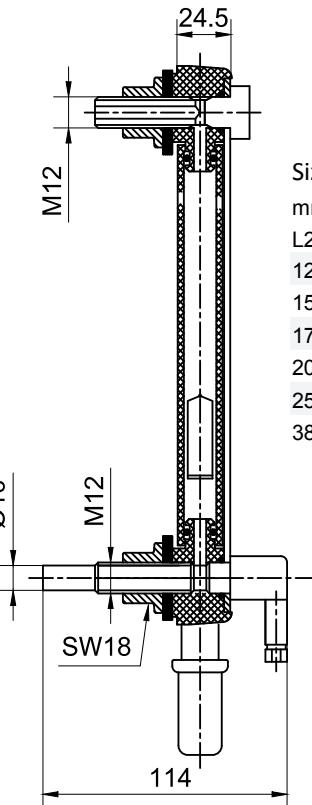
NO   NC

Thermo Switch Connection
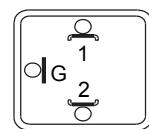
Connector: DIN43650
Wiring: 1-2 (NO&NC)
Voltage: 250 V AC
Current: 2A

Order Codes

Series	A	B	C	D	E	F	G
EAVT-LS	127	B	M12	Z	NO	T60	NO

A Length(L2)

127
150
176
200
254
381

D Fastening bolts and nuts material

Z	Zinc Plated
S	Stainless Steel

B Seal

B	NBR
V	FPM

E Level switch Contact function

NO	Normally opened
NC	Normally closed

C Installation conditions

M12	

F Temperature switching point

T60	60°C
T70	70°C
T80	80°C

G Thermo switch Contact function

NO	Normally Open at set temperature
NC	Normally Closed at set temperature

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