

EAVT-I Series

EVOTEK Level gauge



Product Description

- monitor the level of operating fluid
- Visual thermometer with ° C and ° F scale
- the fluid level can be easily seen on the outside of the tank
- 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 gauge with optional internal thermometer

Port Sizes:

Mounted using two banjo bolts

Mounting position:

Vertically on the tank wall

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

Screw tightening torque:

8 ~ 10 Nm

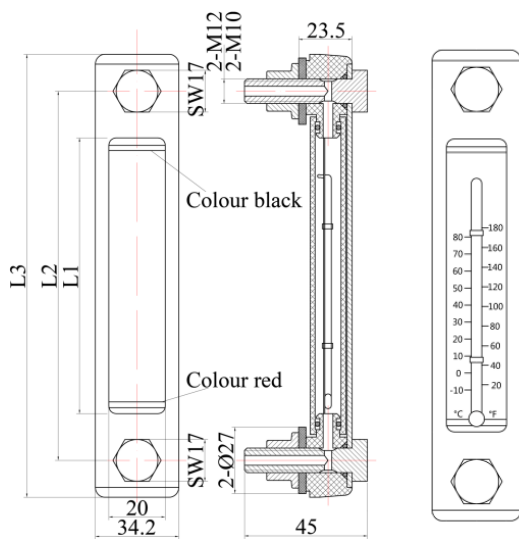
Nominal pressure:

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-I Level gauge



Size

mm	mm	mm
L2	L1	L3
076	38	106
080	41	110
100	61	130
127	88	157
150	111	180
160	121	190
176	137	206
200	161	230
254	2x90	284
381	3x100	411

Order Codes

Series	-	A	B	C	D	E
EAVT	-	I	076	B	M10	Z

A function

no additional function
I internal thermometer

B Length(L2)

076
080
100
127
150
160
176
200
254
381

C Seal

B	NBR
V	FPM

D Installation conditions (Banjo bolt thread)

M10
M12

E Fastening bolts and nuts material

Z	Zinc Plated
S	Stainless Steel

EAVT-G Series

EVOTEK Level gauge with Temperature gauge



Product Description

- monitor the level of operating fluid
- Measures the temperature of the operating fluid in the tank in °C
- the fluid level can be easily seen on the outside of the tank
- 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 gauge with temperature gauge

Port Sizes:

Mounted using two banjo bolts

Mounting position:

Vertically on the tank wall

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

Screw tightening torque:

8 ~ 10 Nm

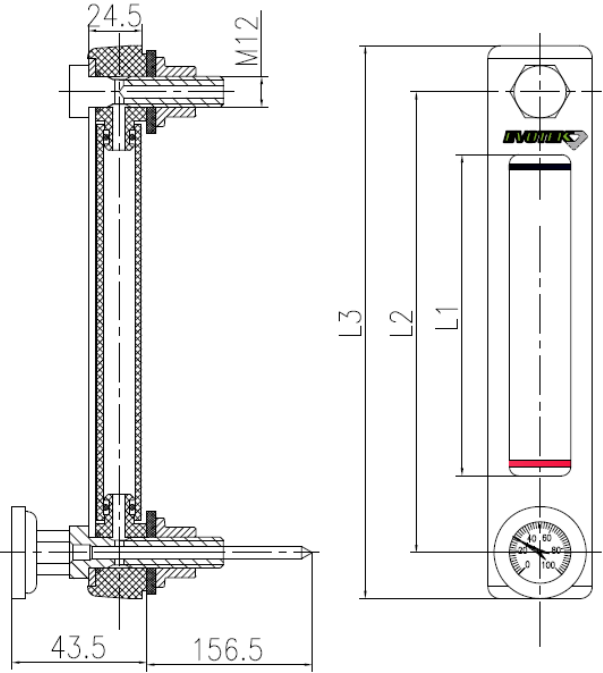
Nominal pressure:

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-G Level gauge with temperature gauge



Size		
mm	mm	mm
L2	L1	L3
076	38	106
080	41	110
100	61	130
127	88	157
150	111	180
160	121	190
176	137	206
200	161	230
254	2x90	284
381	3x100	411

Order Codes

Series	A	B	C	D
EAVT-G	076	B	M12	Z

A Length (L2)

076
080
100
127
150
160
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



EAVT-S Series

EVOTEK Level gauge with thermo switch

Product Description

- Monitor the level of operating fluid
- 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 gauge 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:

DIN43650

Degree of protection:

IP65

Switching current:

2A

Switching voltage:

250 VAC

Screw tightening torque:

8 ~ 10 Nm

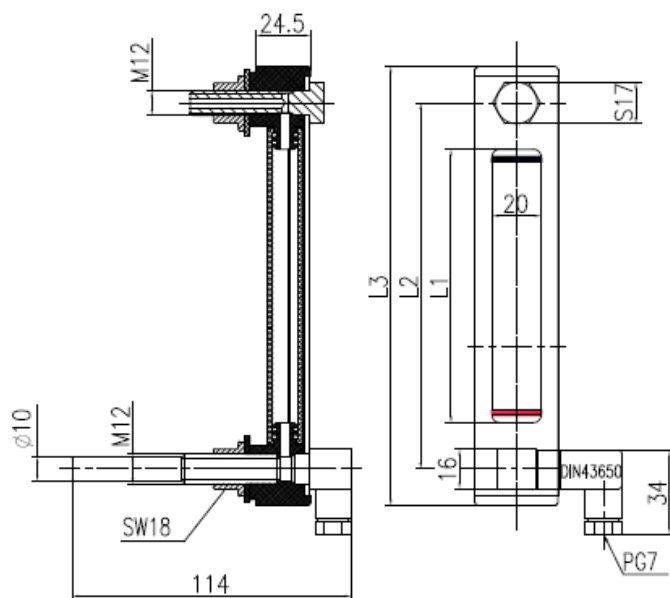
Nominal pressure:

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)

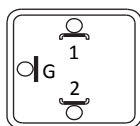
EAVT-S Level gauge with Thermo switch



Size

mm	mm	mm
L2	L1	L3
076	38	106
080	41	110
100	61	130
127	88	157
150	111	180
160	121	190
176	137	206
200	161	230
254	2x90	284
381	3x100	411

Thermo Switch Connection



Connector: DIN43650
Wiring: 1-2 (NO&NC)
Voltage: 250 VAC
Current: 2 A

Order Codes

Series	A	B	C	D	E	F
EAVT-S	076	B	M12	Z	T60	NO

A Length (L2)

076
080
100
127
150
160
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 Temperature switching point

T60 60°C
T70 70°C
T80 80°C

F Thermo switch Contact function

NO Normally opened
NC Normally closed

EAVT-L Series

EVOTEK Level Sensor



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
- 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

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:

0.5A

Switching voltage:

12 - 50 V AC/DC

Screw tightening torque:

8 ~ 10 Nm

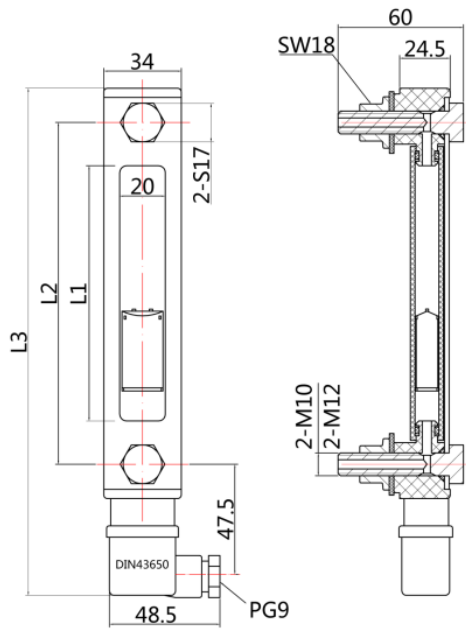
Nominal pressure:

max. 0.5 bar

Operating fluids:

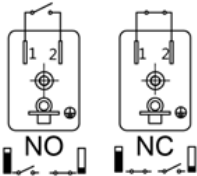
Mineral oil to DIN 51524 Part 1 and 2, water-oil emulsions and synthetic fluids, such as hydraulic fluids based on phosphate ester. (other fluids on request)

EAVT-L Level Sensor



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: 0.5 A

Order Codes

Series	A	B	C	D	E
EAVT-L	127	B	M10	Z	NO

A Length (L2)

127
150
176
200
254
381

B Seal

B	NBR
V	FPM

C Installation conditions (Banjo bolt thread)

M10
M12

D Fastening bolts and nuts material

Z	Zinc Plated
S	Stainless Steel

E Level switch Contact function

NO	Normally opened
NC	Normally closed

EAVT-LG Series

EVOTEK Level Sensor with Temperature gauge



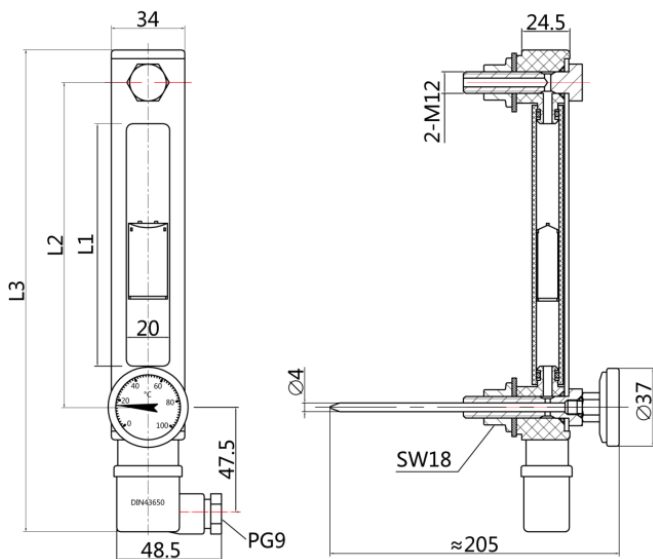
Product Description

- 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)

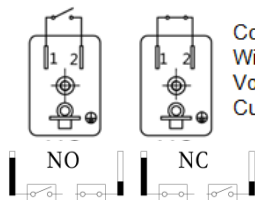
EAVT-LG Level Sensor with temperature gauge



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: 0.5 A

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

EAVT-LS Series

EVOTEK Level Sensor with thermo switch



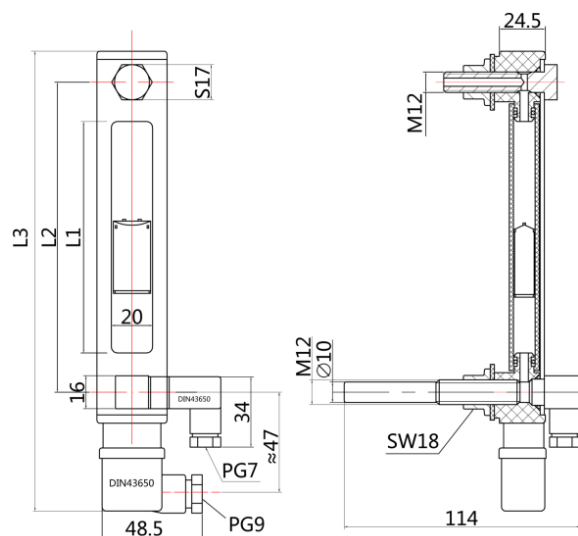
Product Description

- 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 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:	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)

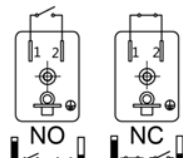
EAVT-LS Level Sensor with thermo switch



Size

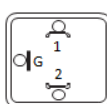
mm	mm	mm
L2	L1	L3
127	88	199
150	111	222
176	137	248
200	161	272
254	2x90	326
381	3x100	453

Level Sensor Connection



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

Thermo Switch Connection



Connector: DIN43650
Wiring: 1-2 (NO & NC)
Voltage: 250 VAC
Current: 2 A

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

B Seal

B	NBR
V	FPM

C Installation conditions

M12

D Fastening bolts and nuts material

Z	Zinc Plated
S	Stainless Steel

E Level switch Contact function

NO	Normally opened
NC	Normally closed

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