XLV-SL-ST

VERTICAL LEVEL INDICATORS – VARIABLE LENGHT – WITH MINIMUM LEVEL AND MAXIMUM TEMPERATURE SWITCH

-A **Reed Switch** is attached on the internal transparent tube, adjustable in height according to the level design requirement. The minimum location position is 2" or 50 mm from the center of the lower bolt. The sensor is supplied with power cable 30 cm in lenght with M8 male connector. On request it is possible to provide a separate connection cable (250 cm in lenght) complete with female M8 connector. Possibility to apply more of level sensors positioned at different heights.

-**Floating element** is made of a technopolymer containing a magnet element that, when in proximity with the REED sensor, closes the electrical contact.

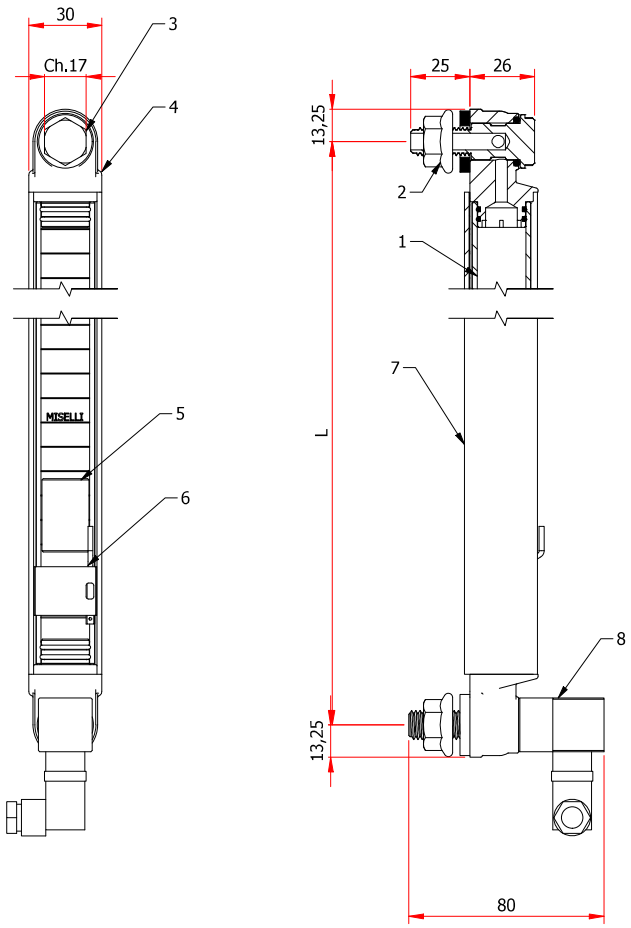
-Preset **electrical sensors** are available with switching temperature of **60°C/140°F or 70°C/158°F** incorporated into the zinc plated M12 bolt with adjustable DIN connector.

-**Standard executions: XLV-SL-ST-NO** (electrical contact normally open on the temperature sensor) **XLV-SL-ST-NC** (electrical contact normally closed on the temperature sensor).

-**Operation features:** The vertical level indicator XLV-SL-ST in addition to allow for a visual oil level inspection provides an electrical signal when the required temperature of the fluid inside the tank is reached (in conditions of use at room temperature of 20°C/68°F), and provides as well an electrical signal when the float element reaches the preset minimum level.

-**XLV-SL-ST-NO:** the level sensor closes the electrical circuit when it reaches the pre-set minimum level; the maximum temperature sensor closes the electrical circuit at the pre-set theshold temperature.

-**XLV-SL-ST-NC:** the level sensor closes the electric circuit when it reaches the pre-set minimum level; the maximum temperature sensor opens the circuit at the pre-set temperature treshold.



COMPONENTS LIST

Item	Description
1	Transparent body
2	Flanged hex nut M12
3	Hollow bolt M12
4	Plastic end caps
5	Magnetic floating element
6	REED" sensor with M8 male connector
7	Aluminum guard – 90°rotation

ELECTRICAL CHARACTERISTICS MAX TEMPERATURE ELECTRICAL SENSOR

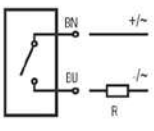
Sensor type	Bimetal contact.
Power supply	AC/DC
Electrical contacts	NO Normally open NC Normally closed
Max applicable voltage	250 Vac 10A
Connector	DIN 43650
Protection degree	IP65
Calibration:	60°C/140°F - 70°C/158 °F
Accuracy:	±5°c (data referred to a room temp. = 20°C (68°F)

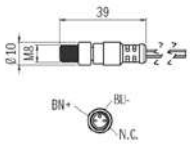
CONTACT NO

CONTACT NC

ELECTRICAL CHARACTERISTICS "REED" SWITCH

Sensor type	"REED" 2 wires
Supply voltage	3÷30 Vac/dc
Electrical contact	NO Normally open
Switching current:	0,2 AMPS
Power rating (Ohmic load)	6 W
Working temperature:	-10°C ÷ +70°C
Protection degree:	IP67





BN (+) = brown
BU (-) = blue
N.C = not connected