XLV-SL-ST - VERTICAL LEVEL GAUGE - VARIABLE LENGHT - WITH MINIMUM LEVEL AND MAXIMUM TEMPERATURE SWITCH

-**REED switch** attached on the external guard, adjustable in height according to the level design requirement; minimum location position is 2" or 50 mm from the center of the lower bolt. Standard switch 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.

-**Standard execution: normally open** electrical contact (NO). On request, it is possible to provide electrical contact **normally closed** (NC).

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

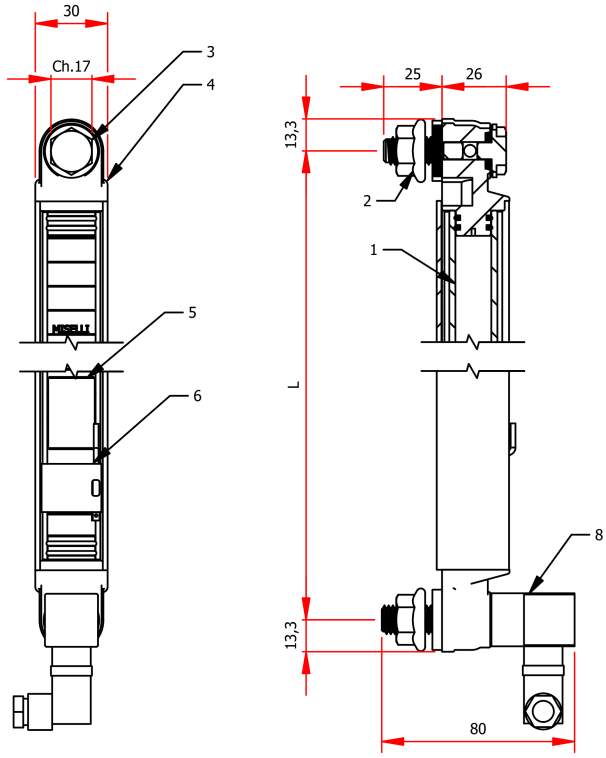
-**Preset electrical sensor with switching temperature available of 60°C/140°F or 70°C/158°F** incorporated into the zinc plated M12 bolt with adjustable DIN connector.

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

-**XL/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 threshold temperature.



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

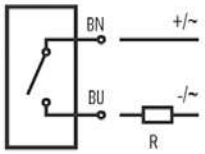
Sensor type	Bimetal contact
Power supply	AC/DC
Electrical contact	NO Normally open NC Normally closed
Max applicable voltage	10 A / 250 Vac
Connector	DIN 46350
Protection degree	IP65
Calibration	60°C/140°F - 70°C/158 °F
Accuracy	±5°C (data referred to a room temp. = 20°C /68°F)

NO contact   NC contact

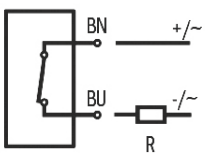
ELECTRICAL CHARACTERISTICS "REED" SWITCH

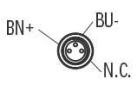
Sensor type	"REED" 2 wires
Supply voltage	3÷30 Vac/dc
Electrical contact	NO Normally open
Switching current	0,2 A
Power rating (Ohmic load)	6 W
Working temperature	-10°C/+70°C
Protection degree	IP67

NO sensor



NC sensor





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