XL/127-PLAST-SL-ST

VERTICAL LEVEL GAUGES WITH MINIMUM LEVEL AND MAXIMUM TEMPERATURE SWITCH

-A **Reed Switch** is attached on the external guard, adjustable in height according to the level design requirement; the standard switch is supplied with power cable 11.8"/30 cm in lenght with M8 male connector. On request it is possible to provide a separate connection cable (97,5/250 cm in lenght) complete with female M8 connector.

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

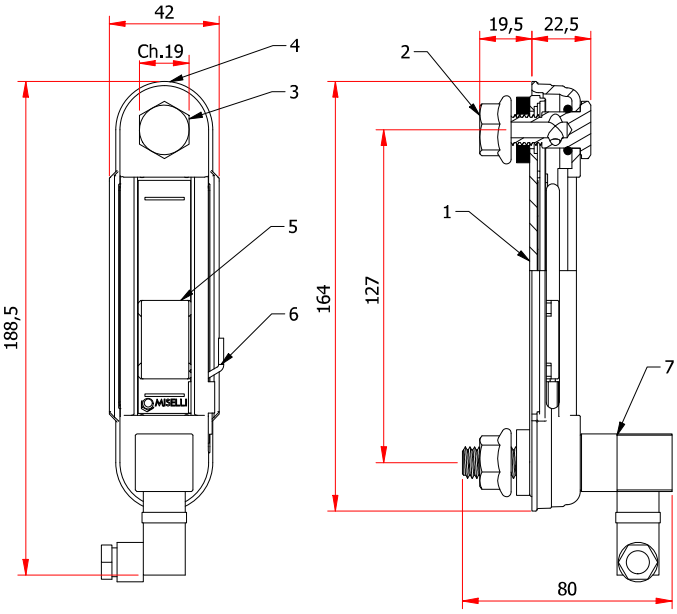
-Preset **electrical sensors** are available with switching temperature of **60°C/140°F or 70°C/158°F** incorporated into the zinc plated M12 bolt with adjustable DIN connector.

-**Standard executions: XL/127-PLAST-SL-ST-NO** (electrical contact normally open on the temperature sensor) **XL/127-PLAST-SL-ST-NC** (electrical contact normally closed on the temperature sensor).

-**Operation features:** The vertical level indicator XL/127-PLAST-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.

-**XL/127-PLAST-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/127-PLAST-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.

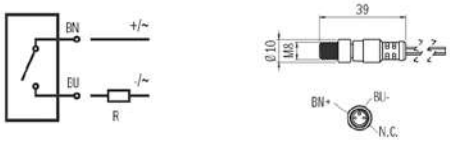


COMPONENTS LIST

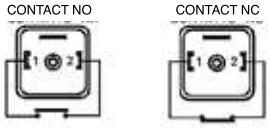
Item	Description
1	Transparent body
2	Flanged hex nut M12
3	Hollow bolt M12
4	Plastic guard
5	Magnetic floating element
6	REED" sensor with M8 male connector
7	Max temperature sensor

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



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)