

ELO optical level sensor is composed of infrared sensor and optical receiver. Light that is sent from sensor is broken by reflecting from prismatic surface and is sensed by the receiver sensor. Light return intensity changes according to air or liquid cover of the prismatic surface. This change is measured and level information is perceived and then, required switching outlet is ensured. It is mountable to the tank from every angle. It is a level measuring method that requires less maintenance without being affected by conductivity and hardness of liquids.



ELO OPTICAL LEVEL SWITCH

ELO-LC2

Areas of Applications:

- * Liquid filling tanks
- * Oil filling tanks
- * Clean liquid tanks

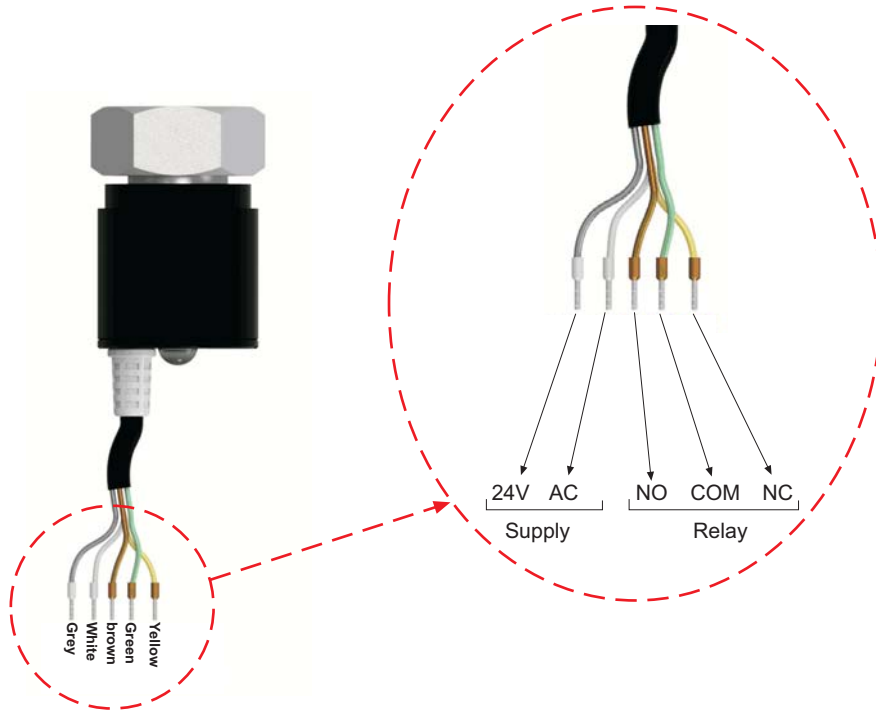


Technical Specifications :

Supply	24 V AC/DC
Frequency	50/60 Hz.
Output	1x5A, NO/NC Relay
Material of Thread	9SMnPb37
Material of Glass	Fused Glass
Material of Housing	Polyamide
Connect	1 1/4" - 12 UNF
Color of LED	Green / Red
Protection Glass	IP 54
Working Temperature	-20+85°C
Working Pressure/Temp.	100 bar / 80°C
Sensing Distance	Horizontal/ Vertical + 5mm
Cable	5x0,5mm ² , 2mt.
Weight	180 gr.

Light return intensity changes according to air or liquid covering of prismatic surface. Sensor starts to operate 1 sec. after power is provided. If there is liquid or oil in front of the sensor, LED of sensor will light in the green color. If there is no liquid, it will light as red. Required switching outlet is provided with the relay outlet. It is recommended to be connected horizontally.

Electrical Connection :



Dimensions :

