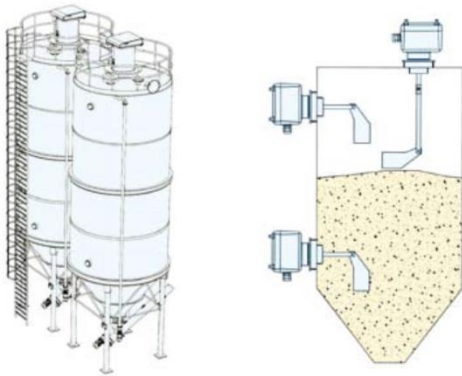




The TLS 110 and TLS 210 series motor level sensors are commonly used to determine the lower and upper positions of the level in areas such as Silo, Warehouse, etc., or intermediate values if desired.

The sensor which rotates 1 round per minute with low torque, stops with touching the material during scanning, and the contacts inside it change the position to indicate that the silo is empty or full.

With G1½" ve G2½" bconnections types, it can be mounted at different holes. The torque value can be adjusted in 3 different levels according to the material density.



- Robust Body
- ON / OFF level control for solids Cereal, Coral etc.
- Adjustable sensitivity in 3 different positions
- 220VAC or 24VDC models
- 2 different mounting dimensions

### Technical Specifications

<b>Output Signals</b>	Relay Output ON / OFF control (Mikroswitch) AC max. 250V, 2A, 500W (cos=1) DC max. 300V, 2A, 60W
<b>Supply Voltage</b>	TLS 110 : 24VDC TLS 210 : 220VAC 50/80 Hz (Supply Voltages +10% / -15%)
<b>Current Consumption (max)</b>	TLS 110 : 25 mA @24VDC TLS 210 : 130 mA @220VAC
<b>Precision</b>	Traction sensitivity adjustable in 3 different positions
<b>Rotation Speed</b>	1 round per minute
<b>Electrical Connection</b>	1 x PG 13.5"
<b>Delay Time</b>	Approximately 1.3 seconds
<b>Connection Type</b>	G1½" ve G2½"
<b>Working Pressure</b>	0.8 bar max.
<b>Working Temperature</b>	-20°C ...+70°C
<b>Material</b>	Main Body Plastic, other components stainless steel
<b>Protection Class</b>	IP 65
<b>Weight</b>	1000 gr
<b>Accessories</b>	Pedal, mounting flange and optional extension shafts

Thanks to its compact and ergonomic structure, it is the most ideal level control solution for accurate and stable measurement without affecting from the environment conditions.

Main usage areas:

- SILOS
- WAREHOUSES
- PLASTIC GRANULAR TANKS etc. places

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### Order Details

#### Model No

T L S - 1 1 0 - 24 VDC

#### SUPPLY VOLTAGE

110 Series : 24VDC  
210 Series : 220VAC 50/80 Hz

#### Package Included

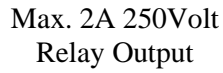
1 pcs stainless metal body pedal  
1 pcs metal mounting flange

#### Recommended Accessories

Shafts of 50 cm or 100 cm can be used for lengthening



## Electrical Connection



### Connection for TLS 210 SERIES 220VAC model



### Connection for TLS 110 SERIES 24VDC

## Mechanical Dimensions



### Mounting Shape

