

# TOREX TRAINING COURSE



**8 LEVEL INDICATORS**

# Current Level Indicator Range

## LEVEL INDICATORS



**ROTARY  
ILT**



**VIBRATING  
ILV**



**CONTINUOUS  
ILS**



**MEMBRANE  
IPM200**

# ROTATING LEVEL INDICATOR

**ILT**



# Current Level Indicator Range

**ILT**

## **ROTARY TYPE**

**3 different types for 5 voltages:**

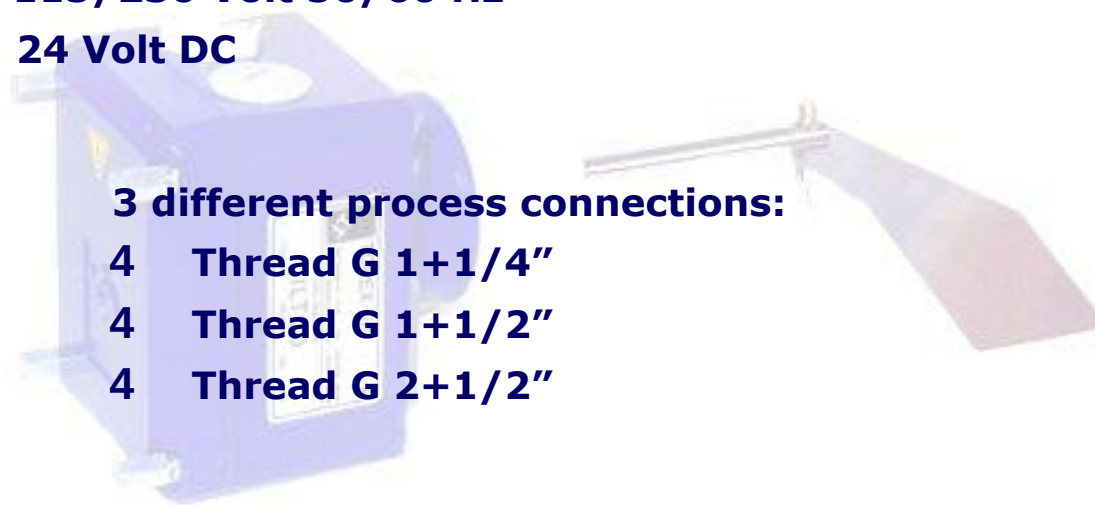
- 4 ILTA: 24/48 Volt 50/60 Hz**
- 4 ILTC: 115/230 Volt 50/60 Hz**
- 4 ILTD: 24 Volt DC**

**3 different process connections:**

- 4 Thread G 1+1/4"**
- 4 Thread G 1+1/2"**
- 4 Thread G 2+1/2"**

**Great variety of fabricated and mechanical options :**

- 4 ATEX II 12 D (dustEx) certificate**
- 4 Extension shafts (500 mm & 1000 mm)**
- 4 Different types of measuring vanes**
- 4 Rotation control**



# TYPES

**AC**



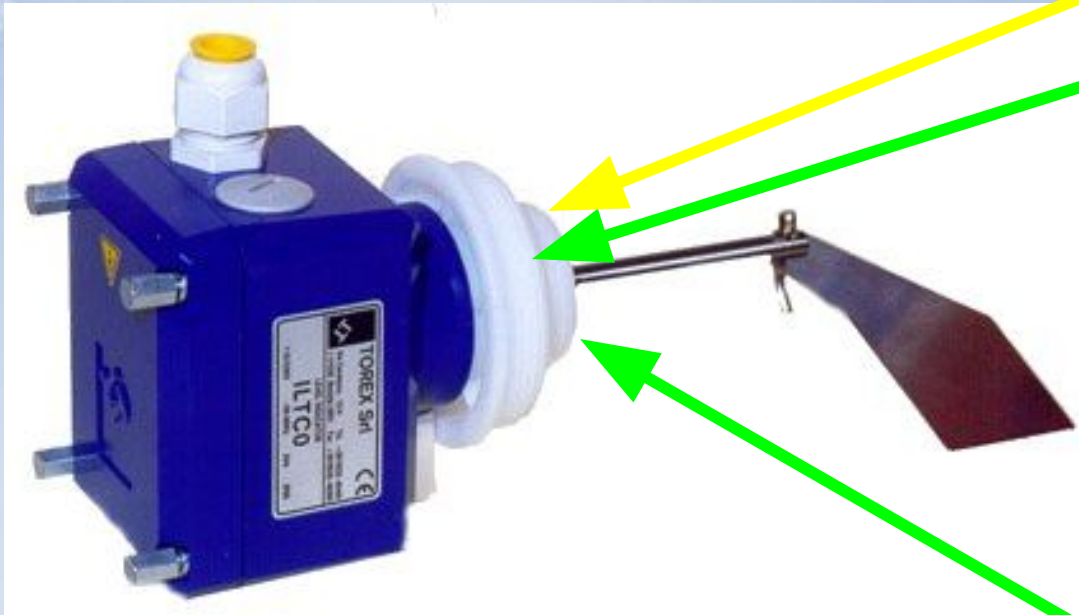
**DC**



# CONNECTIONS

**ILT\_0**

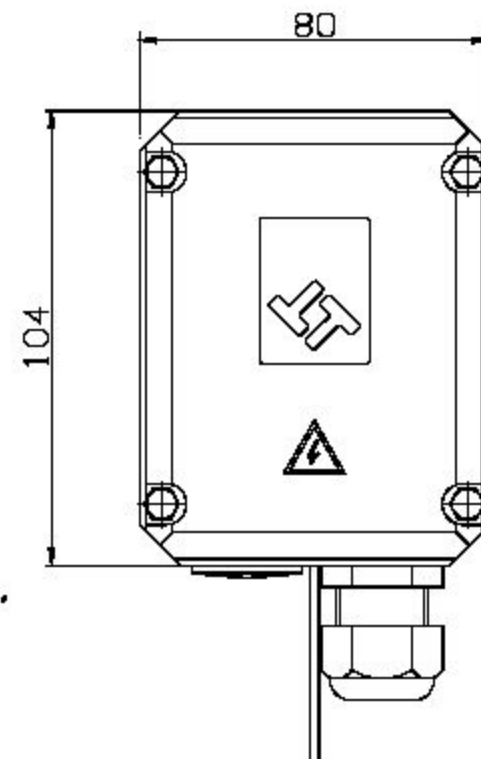
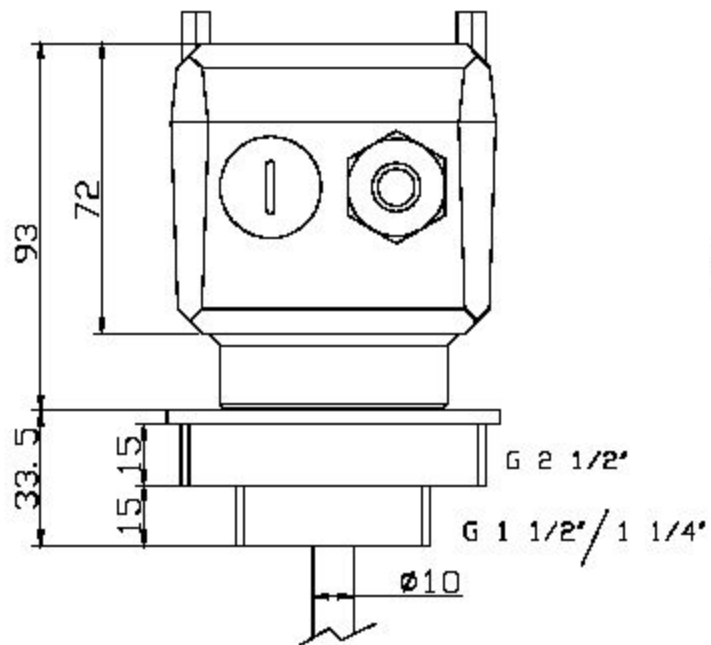
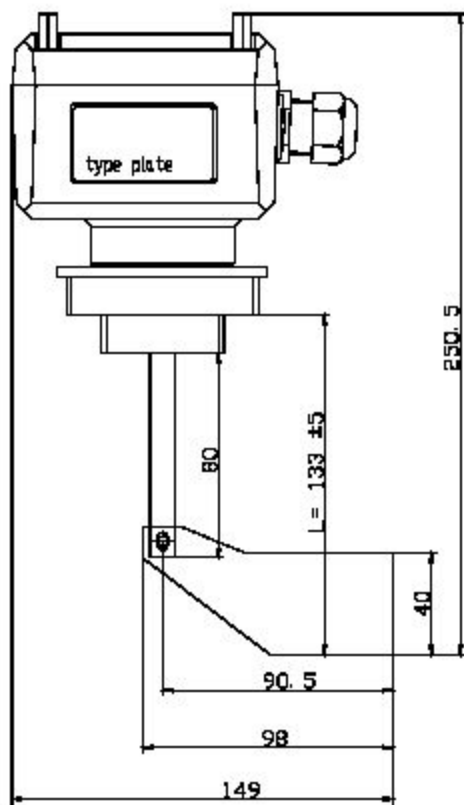
**1+1/2" - 2+1/2"**



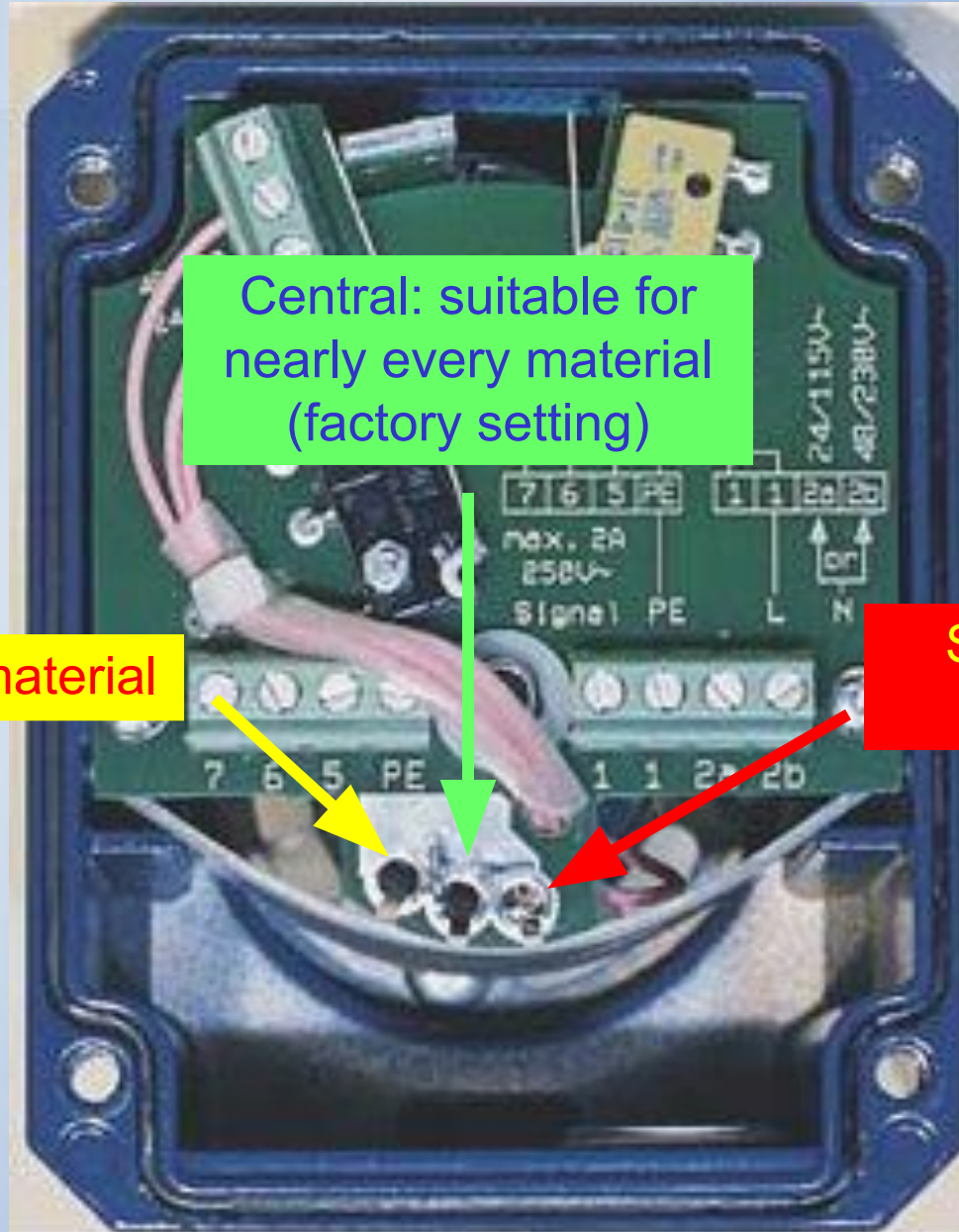
**ILT\_2**

**1+1/4" NPT**

# SIZES



# ADJUSTMENT OF THE SPRING



Central: suitable for nearly every material (factory setting)

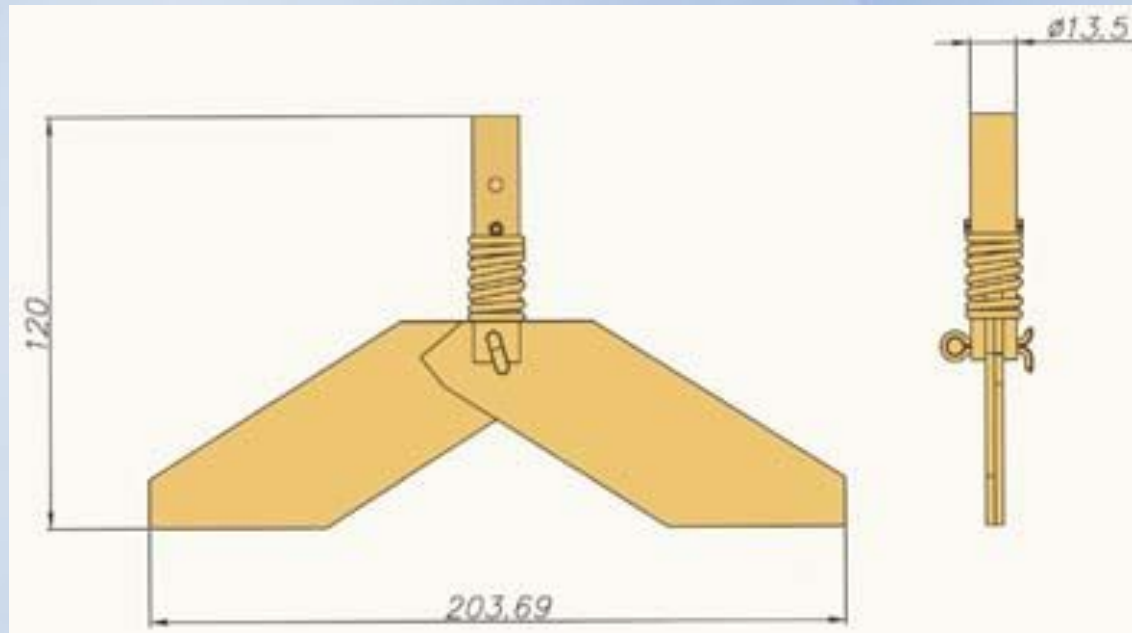
Light: for light material

Strong: for strong caking material



# ACCESSORY

## DOUBLE PADDLE



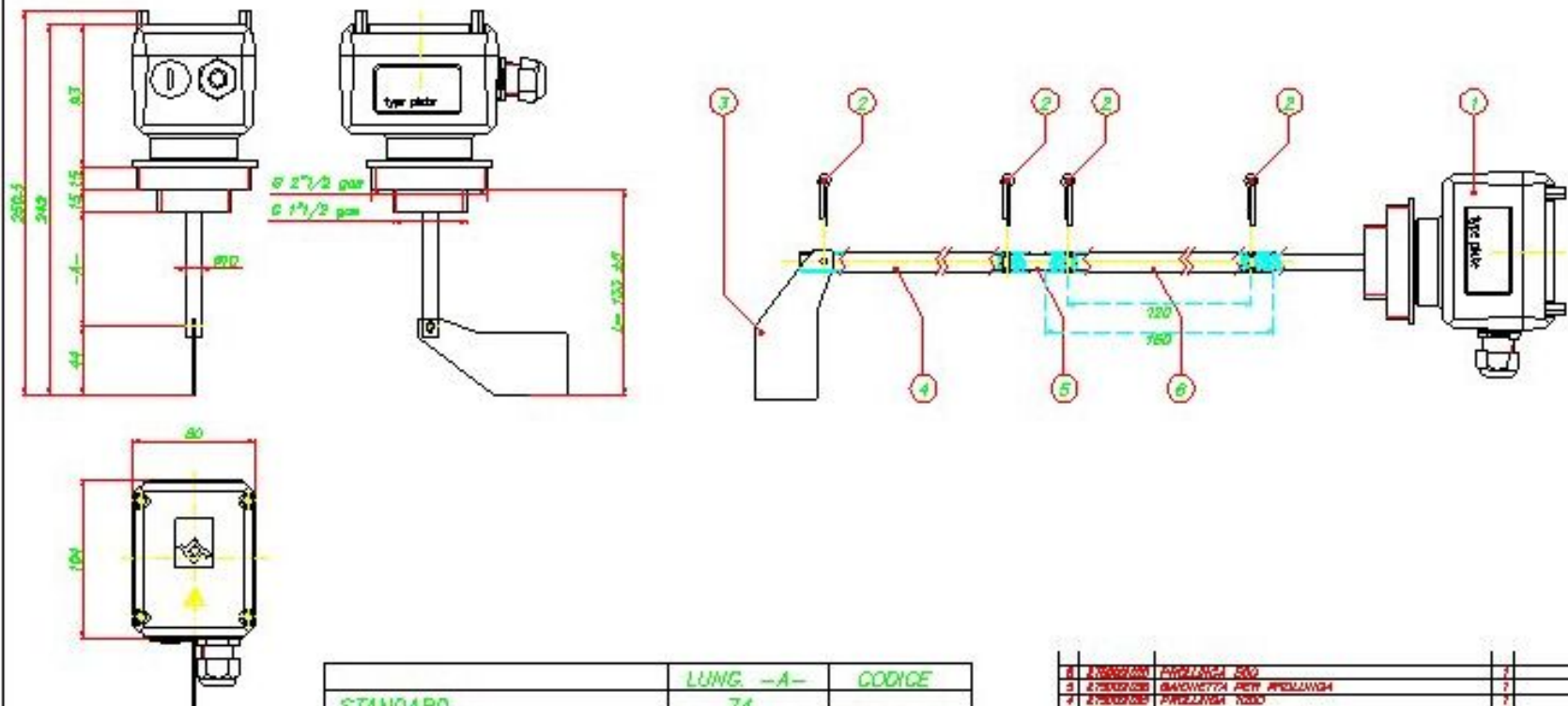
# ACCESSORY

## LIGHTS



# ACCESSORY

## EXTENSION SHAFTS



	LUNG. -A-	CODICE
STANDARD	74	
+PROL. L500	544	3850001022
+PROL. L1000	1044	3850001026
BAIONETTA		3850001038
+P.500+BAIONETTA+P.1000	1554	
+P.1000+BAIONETTA+P.1000	2024	

1	25000000	PROLUNGA 500	2
2	25000000	BAIONETTA PER PROLUNGA	2
3	25000000	PROLUNGA 1000	2
4	25000000	PROLUNGA 500	2
5	25000000	PROLUNGA 1000	2
6	25000000	PROLUNGA 500	2
7	25000000	PROLUNGA 1000	2
Per il Gruppo ILT		Accessori	10/18
		Modello: <b>ILT</b> Schema di Montaggio: PER PROLUNGA	Data: 07/08 Ediz.: 01 Rev.: 01 ILT_PAL

# OPTION

**ATEX II 1/2 D IP66 T100**



**ILTA0AX: 24 VAC**

**ILTA0BX: 48 VAC**

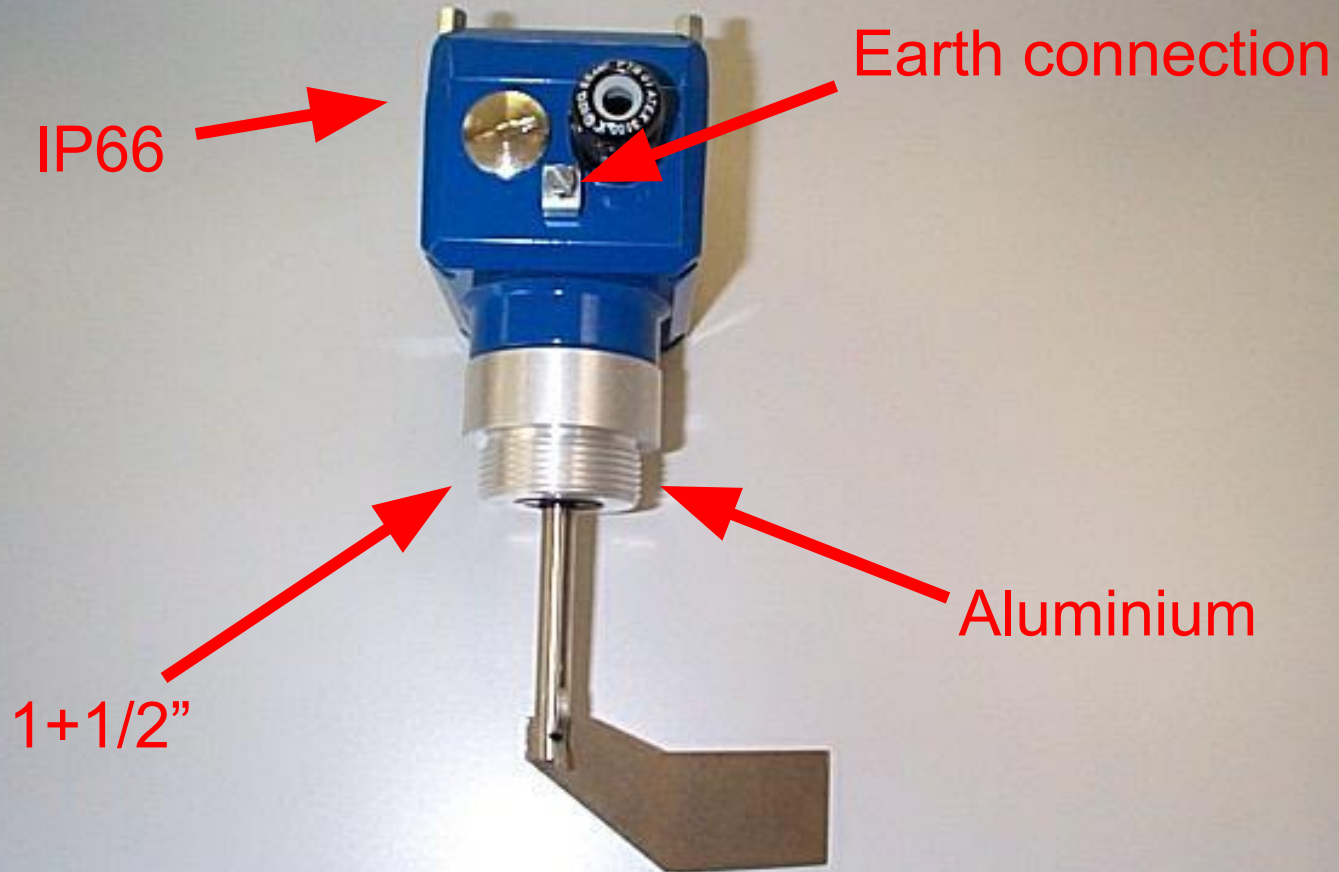
**ILTC0AX: 115 VAC**

**ILTC0BX: 230 VAC**

**ILTD0AX: 24 VDC**

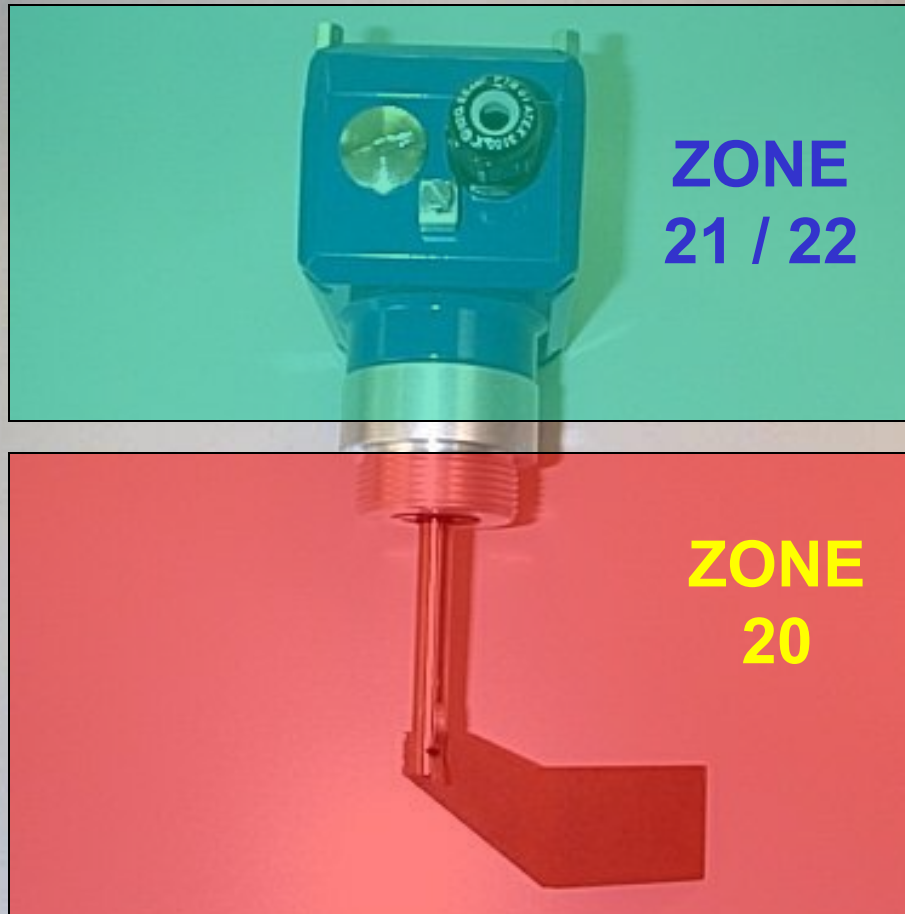
# OPTION

**ATEX II 1/2 D IP66 T100**

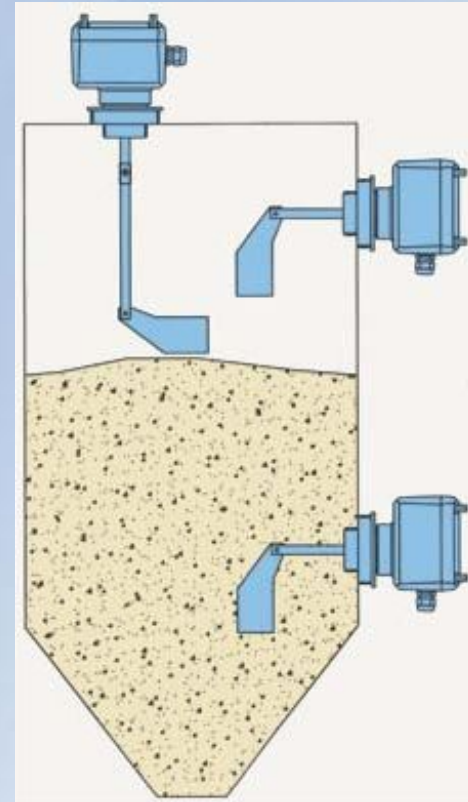
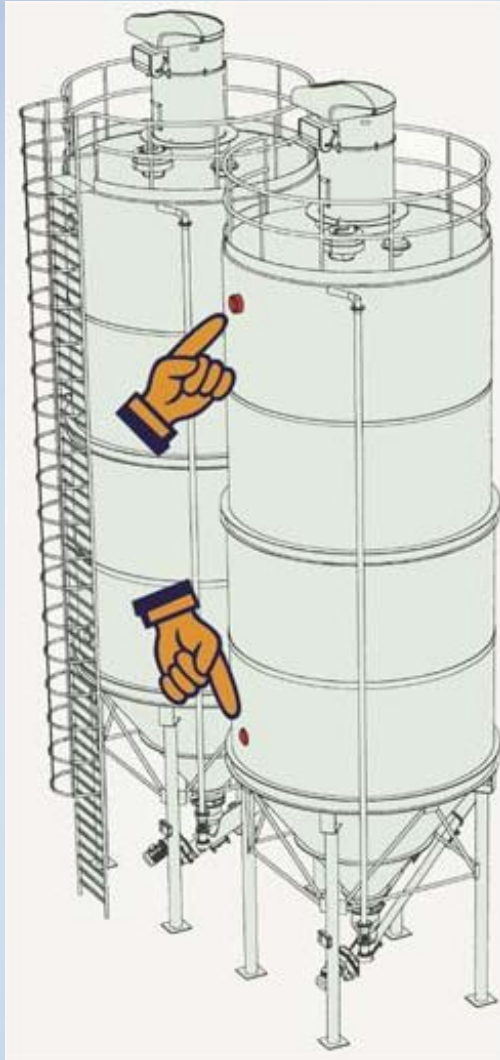


# OPTION

**ATEX II 1/2 D IP66 T100**



# APPLICATIONS



# **TOREX ILT ADVANTAGES**

**Two voltages in one unit**

**Two connections in one unit**

**Possibility to mount the ILT without big flanges**

**Part in contact with the product food grade**



# CONTINUOUS LEVEL INDICATOR

## ILS



# Current Level Indicator Range

**ILS**

## CONTINUOUS TYPE

**2 different versions:**

- 4 With rope**
- 4 With tape**

**2 different voltages:**

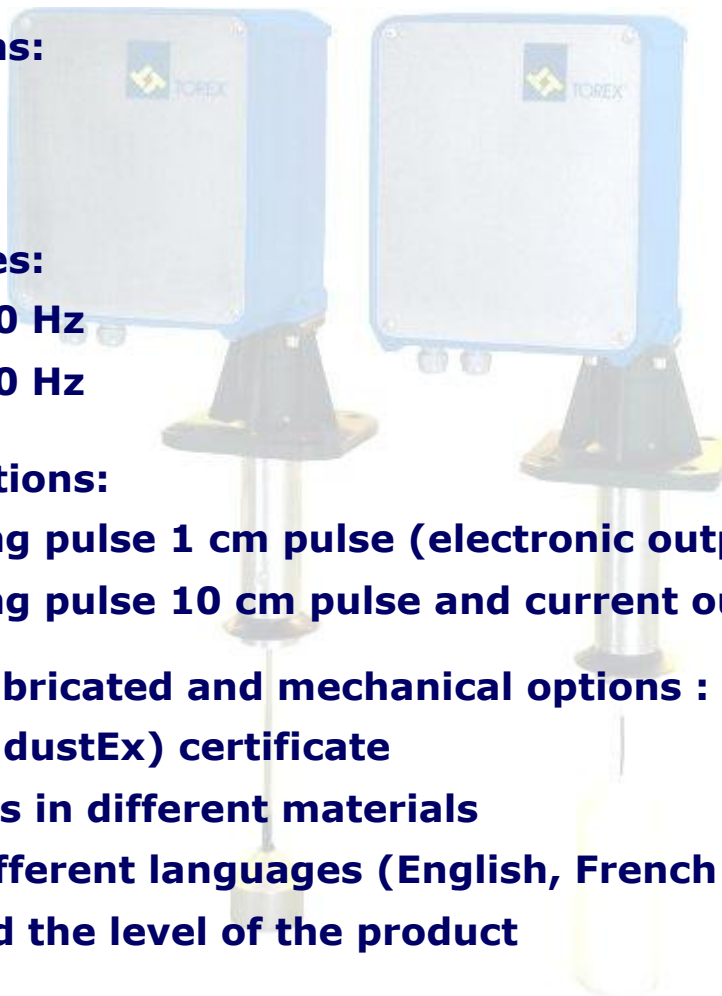
- 4 230 Volt 50/60 Hz**
- 4 115 Volt 50/60 Hz**

**2 different evaluations:**

- 4 Digital counting pulse 1 cm pulse (electronic output)**
- 4 Digital counting pulse 10 cm pulse and current output 0/4-20mA**

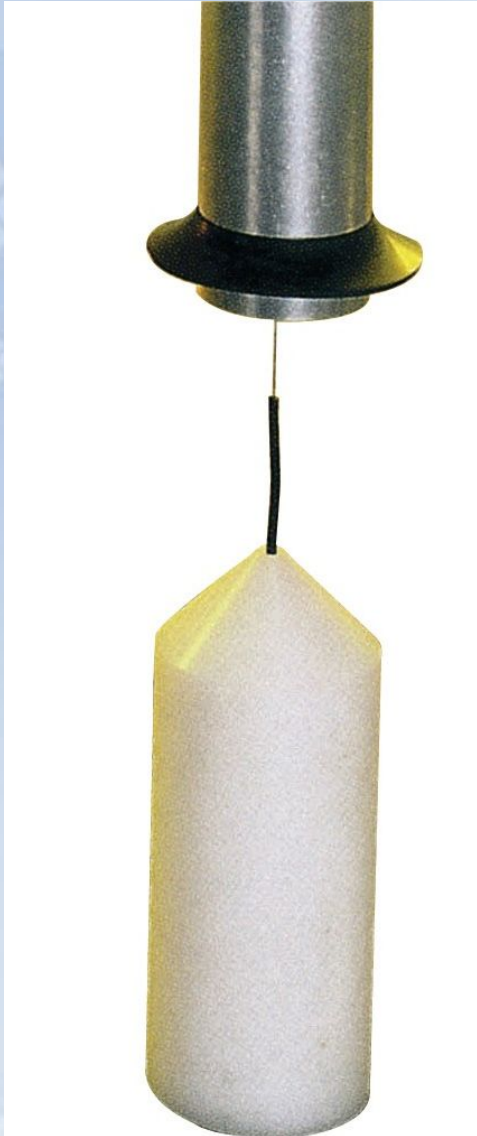
**Great variety of fabricated and mechanical options :**

- 4 ATEX II 12 D (dustEx) certificate**
- 4 Sensor weights in different materials**
- 4 Software in different languages (English, French and German)**
- 4 Display to read the level of the product**



# TYPE

**ROPE**



**TAPE**



# INTERNAL



# WORKING PRINCIPLE



# REFERENCES

**Sensor: Rope version**

**Material: PVC pellets**

**Application: Dosing  
plant for PVC pellets**

**Client: Gambro (Italy)**

**Sector: Biomedical**

*Govoni Sud, il marchio amico  
per progettare e realizzare impianti industriali  
tecnologicamente avanzati chiavi in mano*



# REFERENCES

**Sensor: Rope version**

**Material: Cork**

**Application: Production  
plant for cork stoppers**

**Client: Ohlinger (Germany)**

**Sector: Food**



# REFERENCES

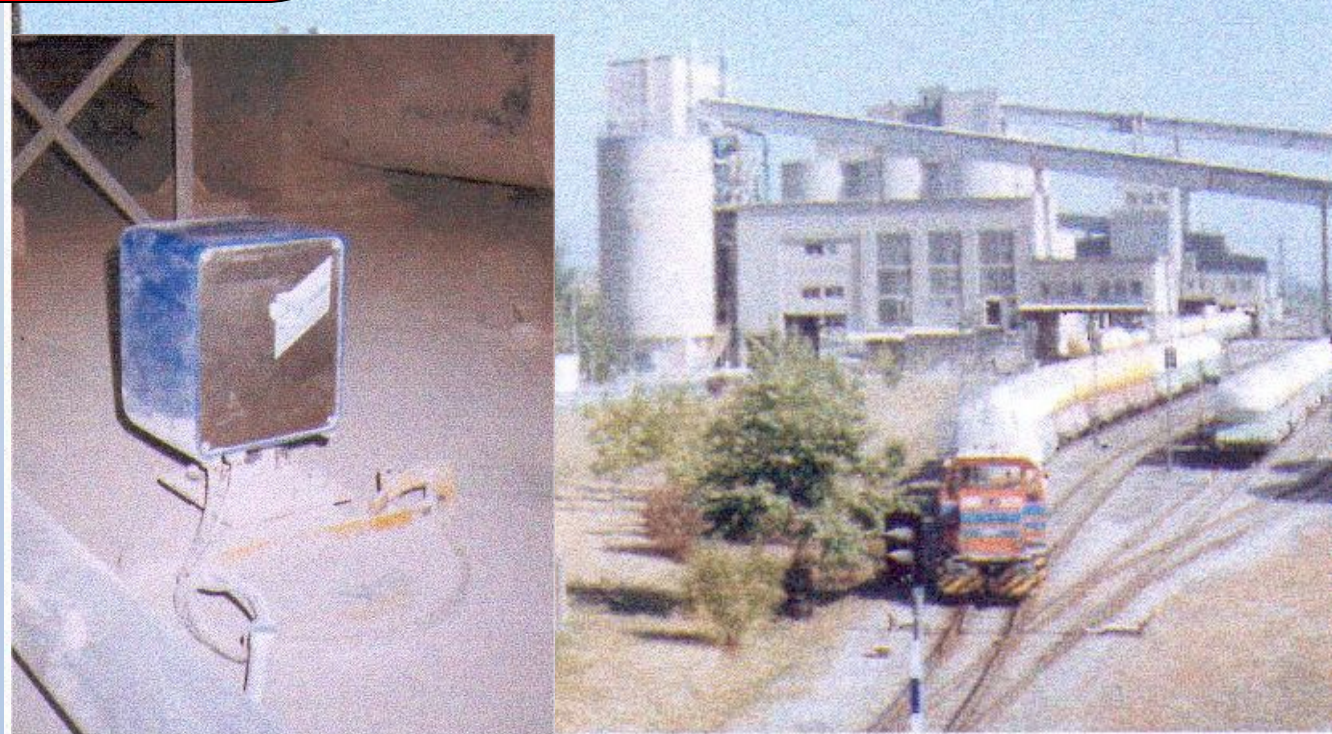
**Sensor: Tape version**

**Material: Cement**

**Application: Cement storage**

**Client: Lafarge (Czech Republic)**

**Sector: Cement**





# REFERENCES

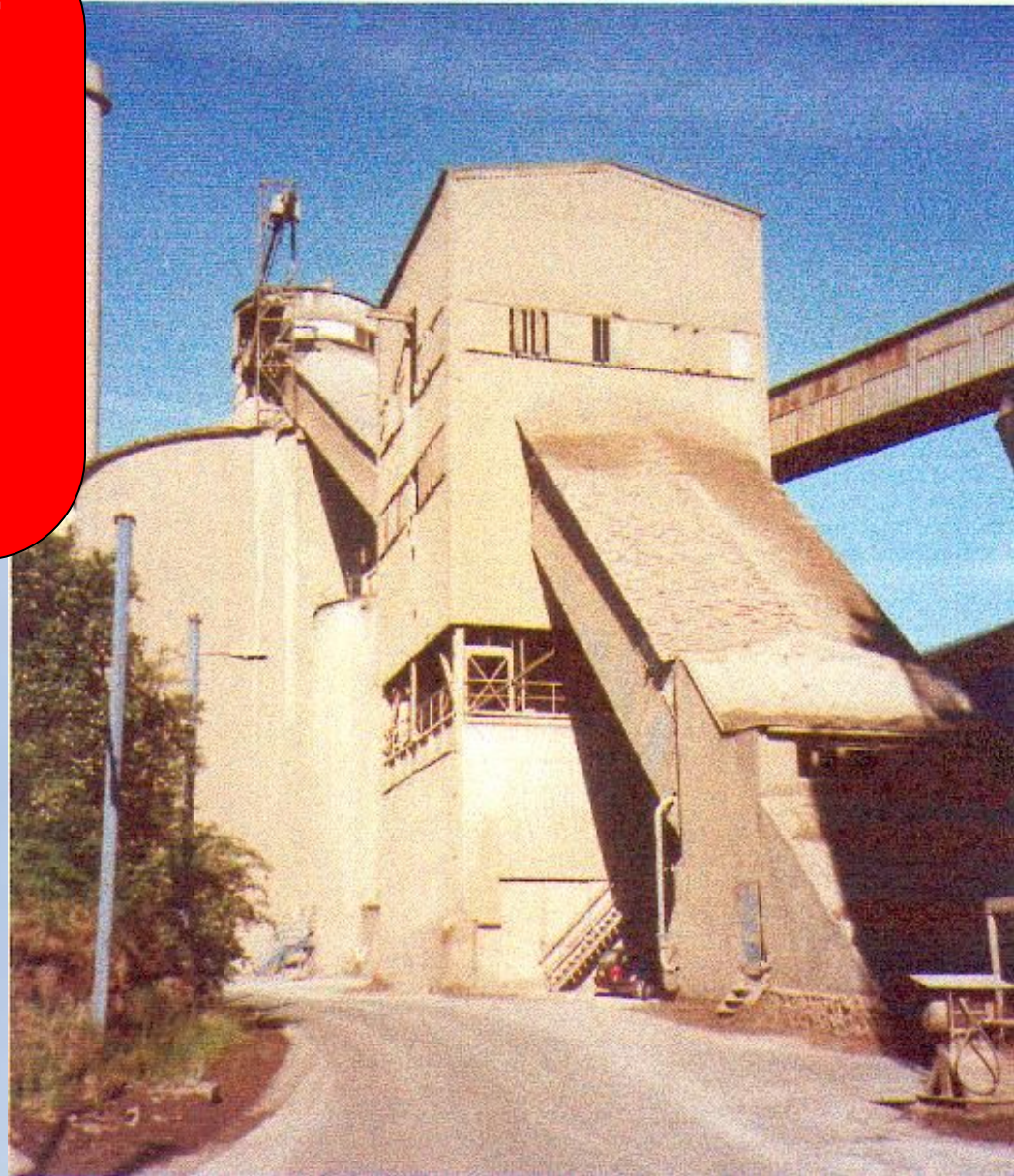
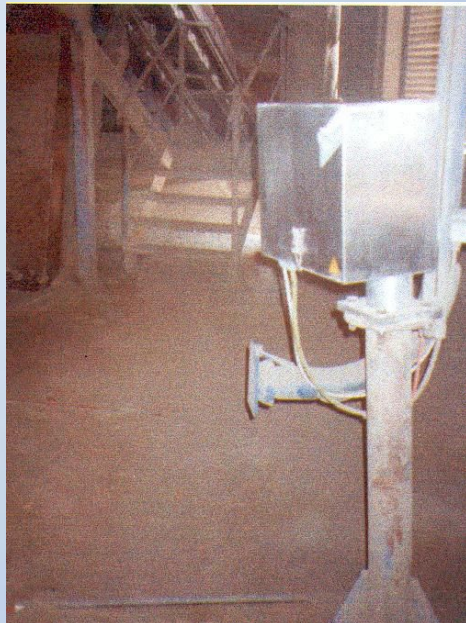
**Sensor: High temperature version**

**Material: Clinker**

**Application: Cement factory**

**Client: Prachovice (Czech Republic)**

**Sector: Cement**



# REFERENCES

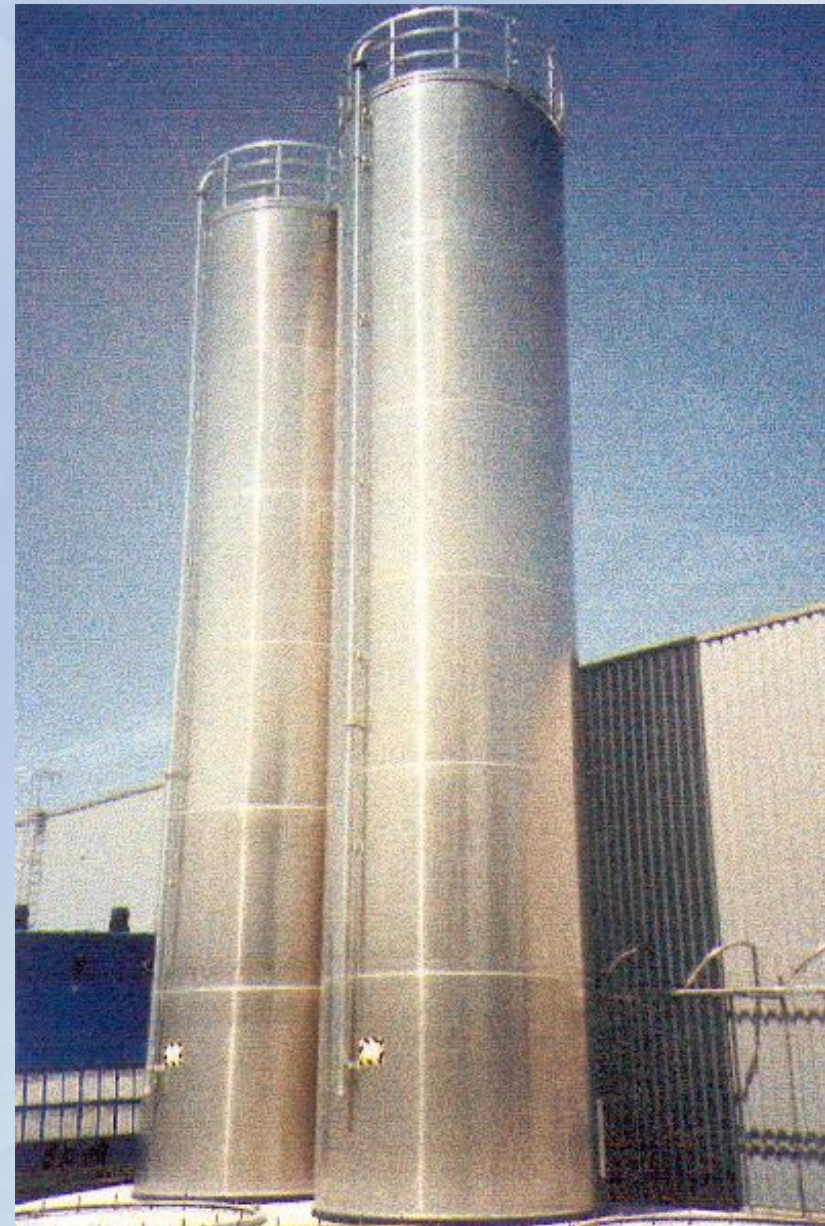
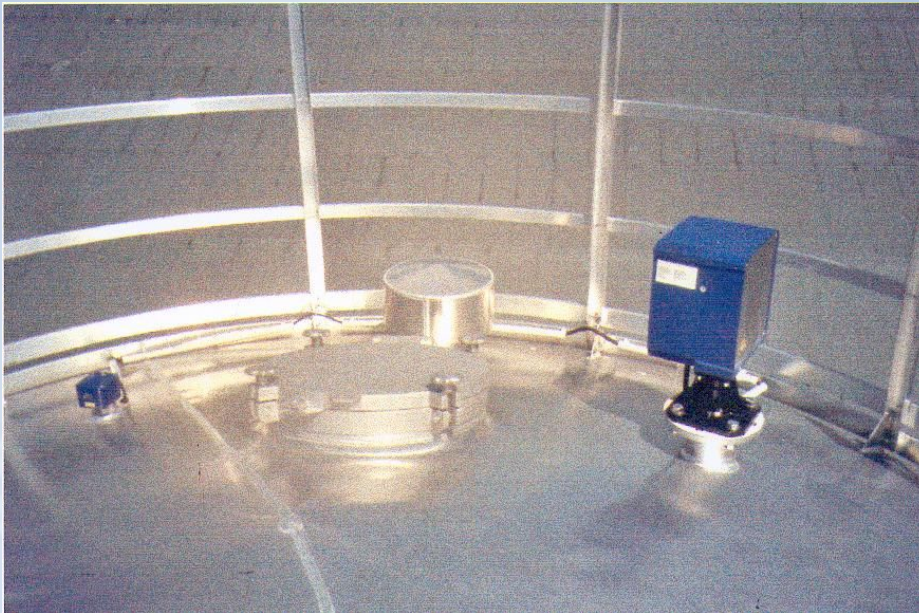
**Sensor: Rope version**

**Material: Plastic granulate**

**Application: Aluminium storage silos**

**Client: Sauer (France)**

**Sector: Plastic**



# VIBRATING LEVEL PROBE

**ILV**



# Current Level Indicator Range

**ILV**

## **VIBRATING TYPE**

**2 different types for mains voltage:**

**4 19..253 VAC 19..60 VDC relays**

**4 18..50 VDC PNP**

**Different process connections:**

**4 Thread R 1+1/2" conical DIN2999**

**4 Thread NPT 1+1/2" conical ANSI B 1.20.1**

**4 Flanged**

**Great variety of fabricated and mechanical options :**

**4 ATEX II 12 D (dustEx) certificate,**

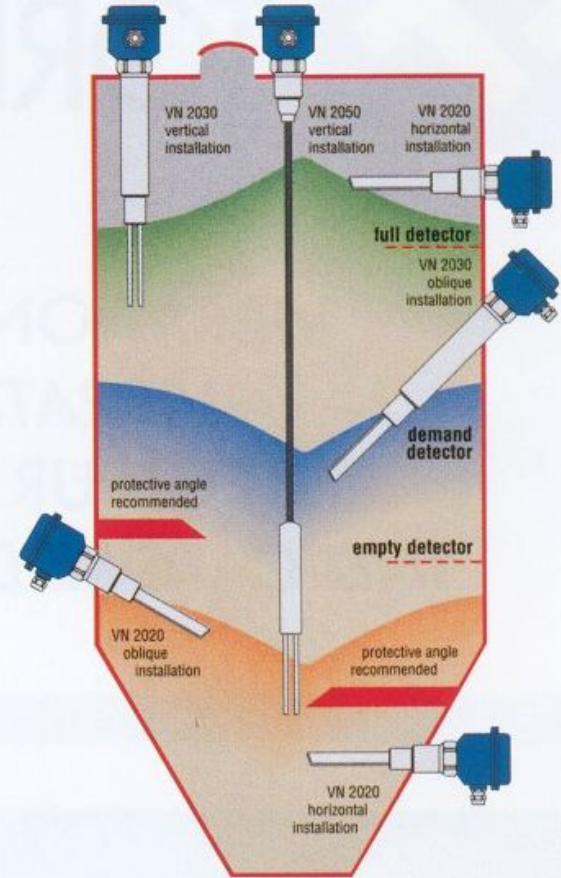
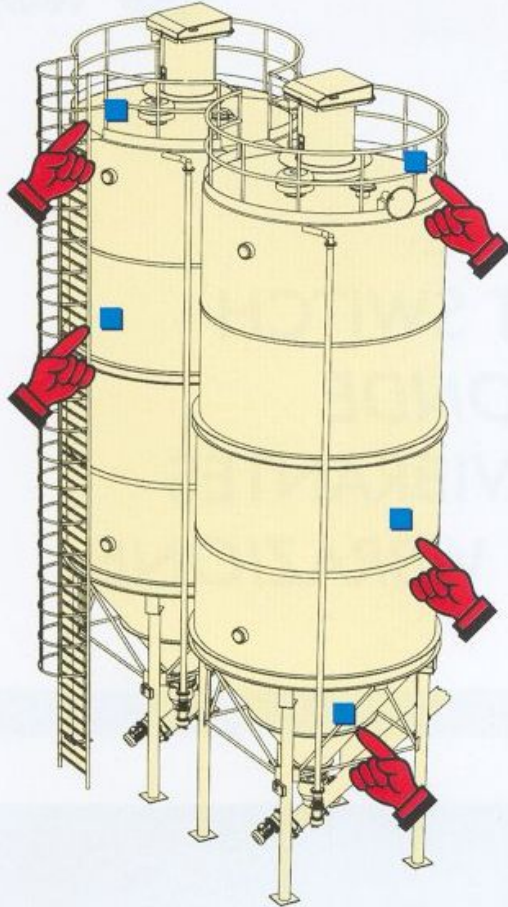
**4 Extension pipes or ropes,**

**4 Forks in different materials**



# VIBRATING LEVEL PROBE

## ILV



# Current Level Indicator Range

**MEMBRANE TYPE**

**IPM400-200**

**Membrane level indicator with internal micro-switch**

