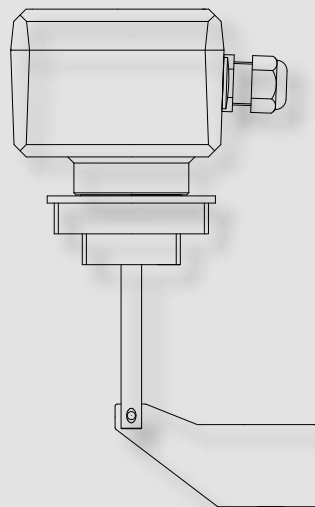


Available from:
FILQUIP PTY LIMITED
24 Smallwood Street
Underwood, Qld 4119, Australia
Ph: +61 7 3208 3499 sales@filquip.com.au
www.filquip.com.au

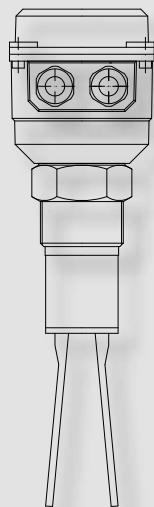
INDICATORS



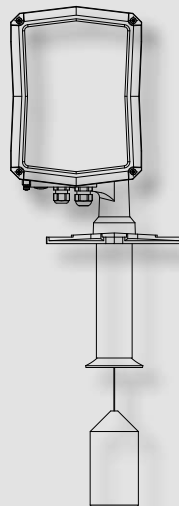
ILT BIN LEVEL INDICATOR



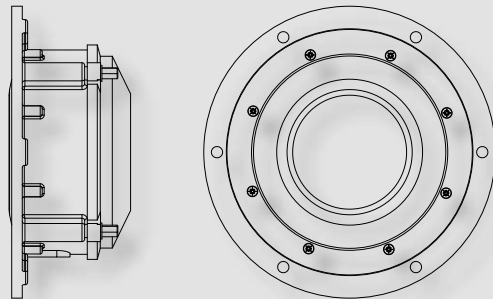
ILV VIBRATION LEVEL INDICATOR



ILS CONTINUOUS LEVEL INDICATOR



IPE-IPM PRESSURE GAUGE



SECTORS OF APPLICATION



CONSTRUCTION



FOOD &
ANIMAL FEED



PLASTICS &
CHEMICALS



HEAVY
INDUSTRY



RENEWABLE
ENERGY



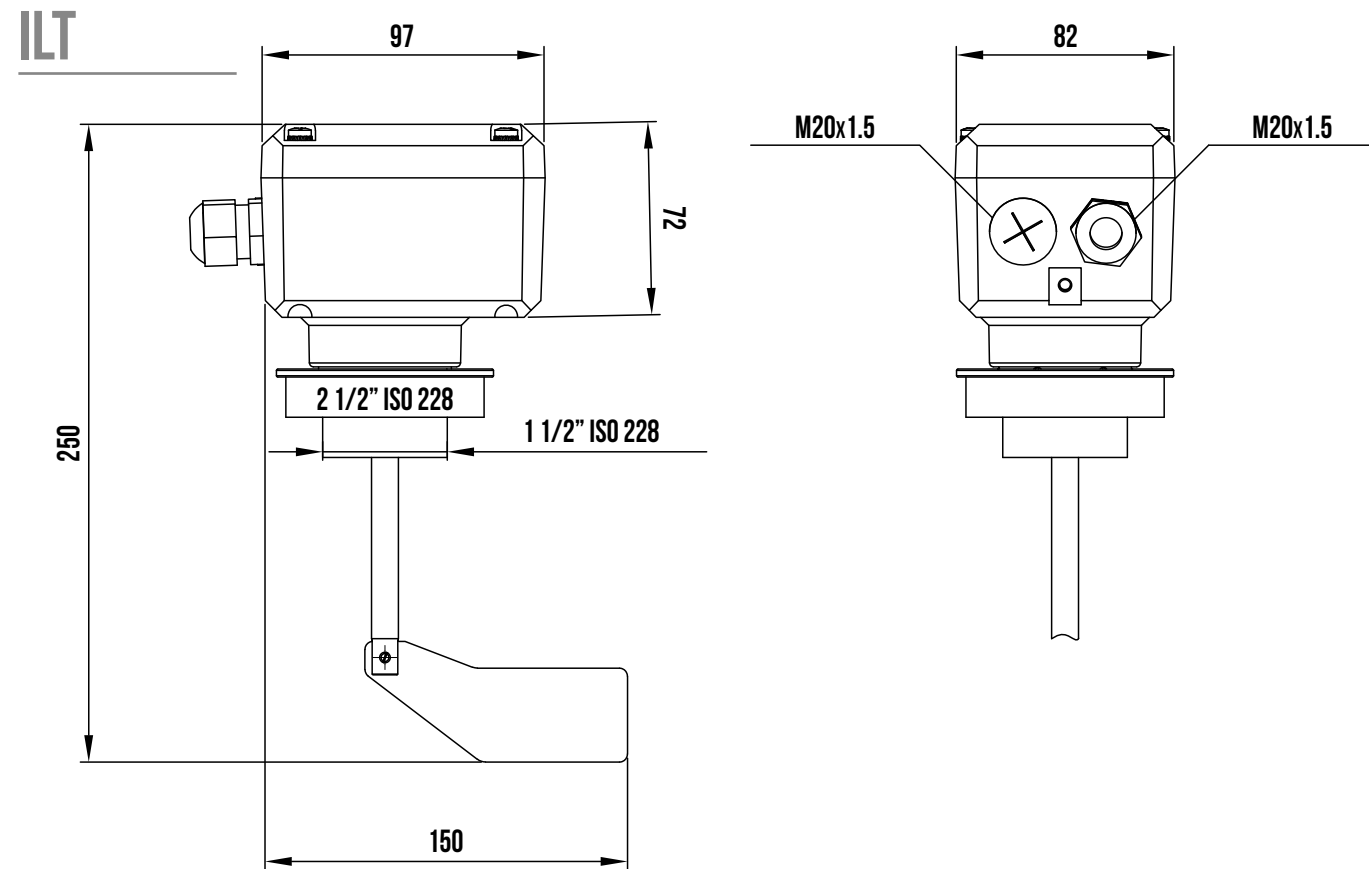
PLANTS
& MACHINERY



ENVIRONMENTAL
TECHNOLOGIES

ILT BIN LEVEL INDICATOR

The **ILT** indicator has been designed to indicate the level of the material inside silos, hoppers and bins, using the rotary movement.



TECHNICAL DATA

- IP65 cast aluminium body;
- Power supply 24/48 VAC – 115/230 VAC – 12 VdC – 24 VdC;
- Plastic hub for thread connection: G1 1/4" – G1 1/2" – G2 1/2";
- Shaft and paddle material: AISI 304;
- Sensitivity adjustable in 3 positions;
- Product temperature: -20°C / +80°C;
- Container pressure: max. 0.8 bar.
- ATEX certified: II 1/2d Ex ta/tb IIIC T100°C da/db

ACCESSORIES



1 1/2" threaded bushing
2 1/2" ISO228 threaded bushing



Double paddle



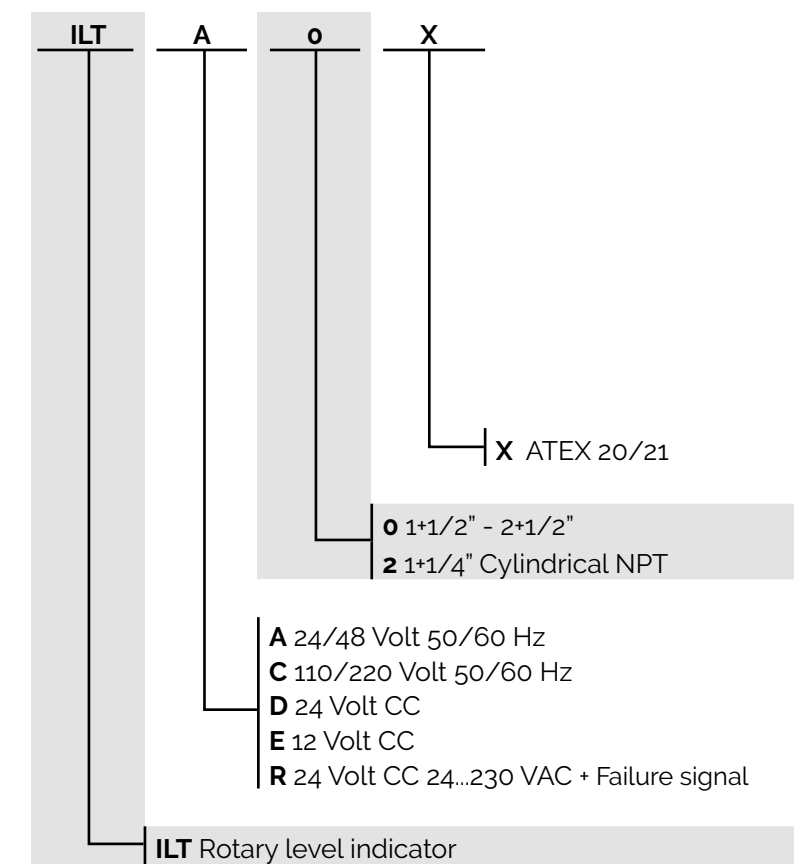
Shaft extension from 500 mm to 1000 mm



EAC Ex  C EAC

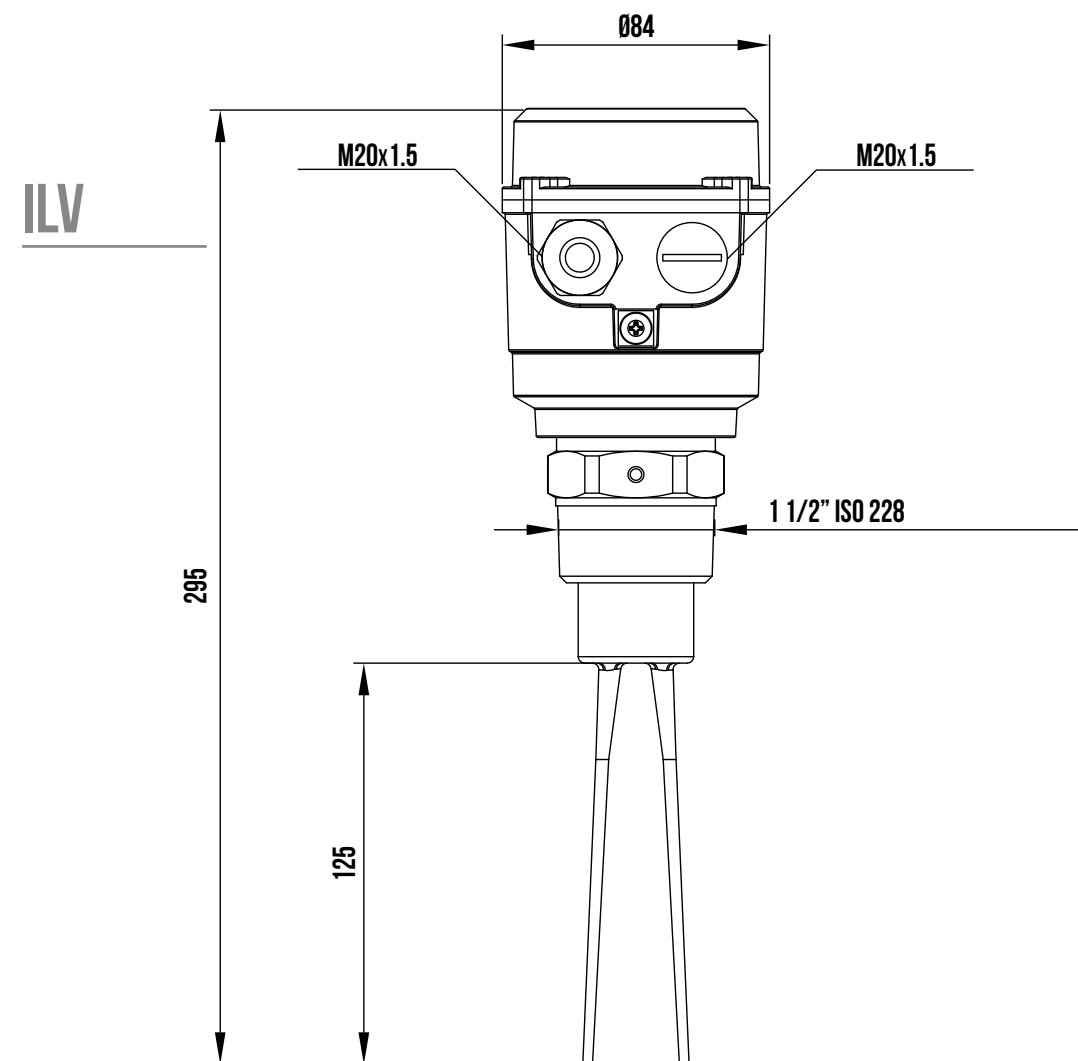
ILT BIN LEVEL INDICATOR

CONFIGURATION



ILV VIBRATION LEVEL INDICATOR

The **ILV** vibrating fork level indicator is particularly suitable for powders with density starting from 0.06 t/m. The forks are stimulated by a piezoelectric element and oscillate at their resonance frequency. If covered by the material, the change of vibration generates and sends an output signal.



TECHNICAL DATA

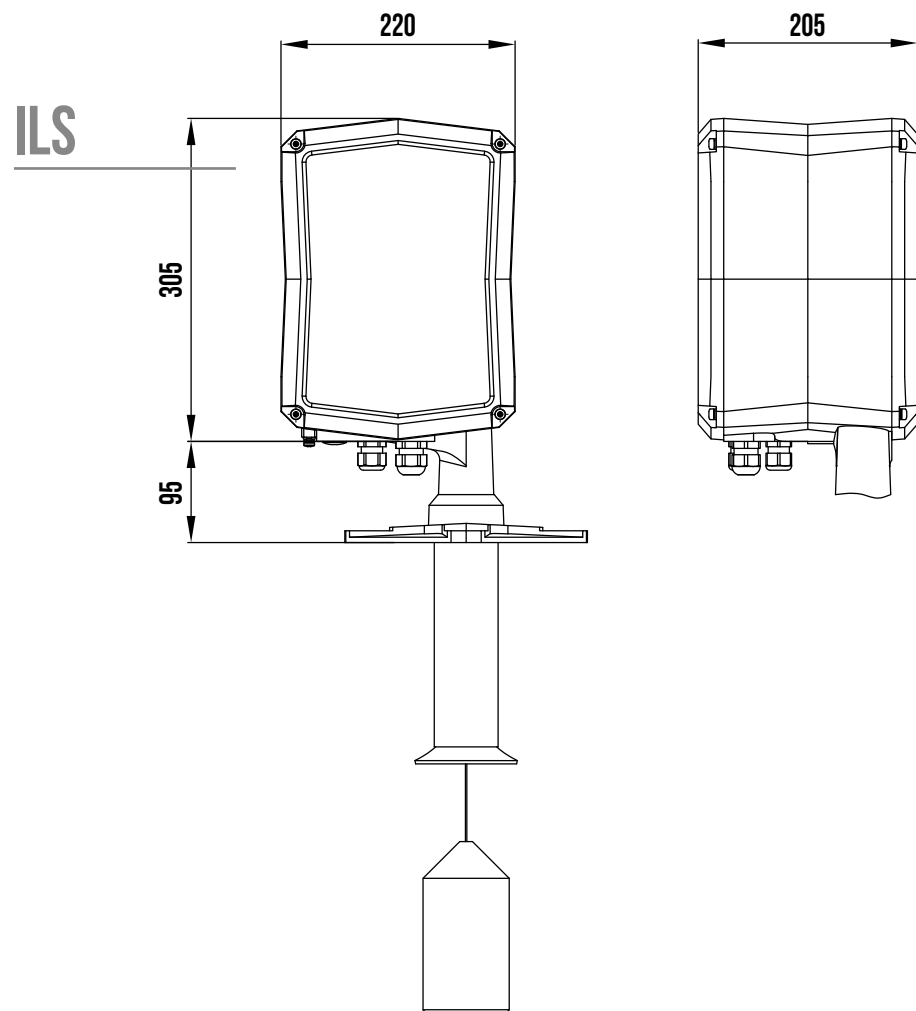
- Cast aluminium body;
- AISI 304 contact parts;
- G 1-1/2" threaded connection;
- Working temperatures: from -40°C to +150°C;
- Power supply 19V...230 VAC, 50/60 hZ – 19V... 40 VDC;
- Operating pressure: from -1 bar to +16 bar;
- Rigid extension up to 4,000 mm.



CE

ILS CONTINUOUS LEVEL INDICATOR

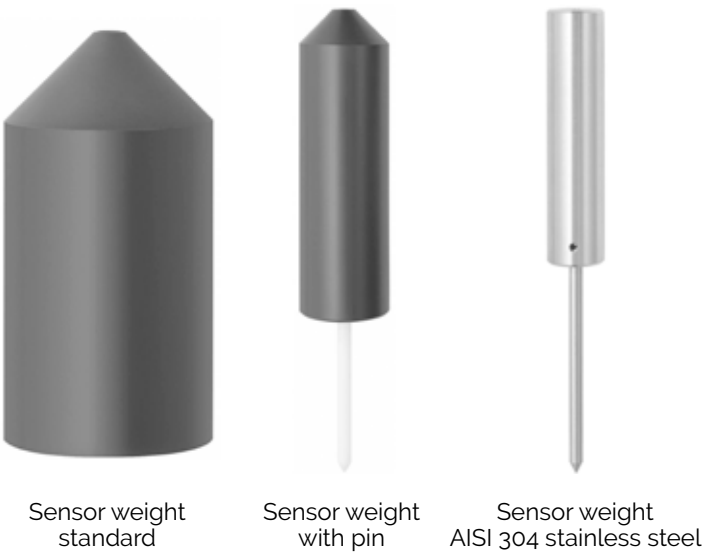
The **ILS** continuous level indicator is suitable for measuring any type of bulk product stored in silos or containers. A sensor weight, connected to a rope that descends inside the silo, touches the heap of material and returns to its rest position. By measuring the distance travelled by the sensor weight, the level of the material is detected. Insensitive to dust in the silo and changes in humidity, with maximum ease of installation on the silo roof.



TECHNICAL DATA

- Silo pressure: -0.3 / +0,3 bar standard; -0.5 / +1,5 bar as an option.
- Silo temperatures: -40°C / +80°C (-40°F / +176°F) standard; +150°C / +250°C (+302°F / +482°F) as an option.
- Ambient temperature: -20°C / +60°C (-4°F / +140°F) standard; -40°C / +60°C (-40°F / +140°F) ATEX II 1/2 D on request; -40°C / +60°C (-40°F / +140°F) with heater.
- Output: 0 / 4-20 mA; MODBUS; 5 / 10 cm Relay Pulses; 1 / 2,5 cm Opto Pulses.
- Certification for explosive environments (ATEX, FM);
- Microprocessor-controlled measurement;
- Belt cleaning device for particularly difficult products (belt version);
- Various different sensor weights, suitable for any type of application;
- Solid construction in die-cast IP66 aluminium, NEMA 4.

ACCESSORIES



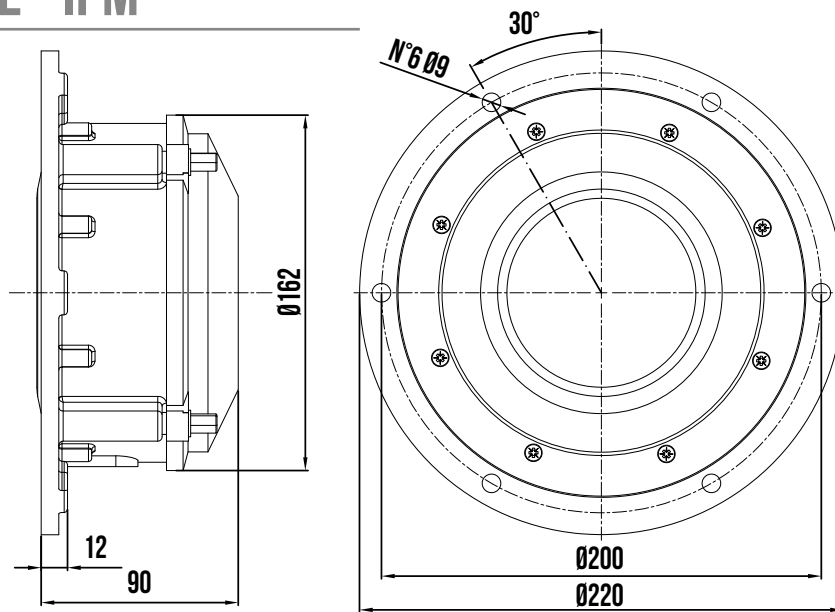
IPE-IPM PRESSURE GAUGE

IPE-IPM pressure indicators offer a reliable and economical solution for pressure control in silos.

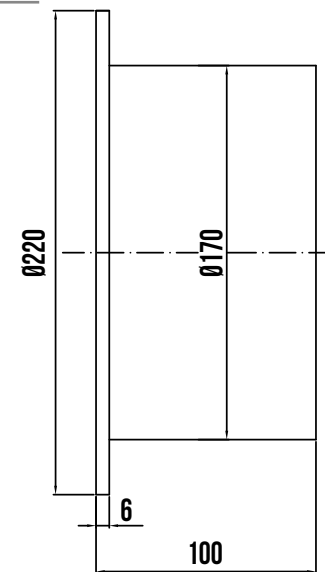
IPE (electronic pressure gauge): indicates the pressure inside the silo by means of an electrical output signal 0-20 mA or 4-20 mA.

IPM (mechanical pressure gauge): indicates whether the pressure value is higher or lower than the limit set by the gauge, calibration 0.02-0.03-0.04 bar.

IPE - IPM



IPX



ACCESSORIES



IPX adapter

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 www.filquip.com.au

TECHNICAL DATA

- Self-cleaning EPDM/NBR membrane resistant to thermal excursion;
- Aluminium body;
- IP55 protection;
- Working temperatures: from -25°C to +80°C;
- Voltage 14-25 VdC

