

Stainless steel Cat & Mouse JAR



- Level indicator with metallic parts
- Wide scale
- Graduated in %, m³, L etc.
- Long height possible
- Protected pulleys with a no jump system
- Sections of 1500 mm, adjustable total length

PRINCIPLE

The float, suspended to a cable supported with 2 pulleys, drives a red pointer on a graduated ruler. The pointer indicates the volume of liquid inside the tank. A built in magnet operates one or more level switches.

DESCRIPTION

This level indicator JAR, includes a float and a pointer linked together with a cable sliding on 2 pulleys. The pointer is used as a counter weight; it slides along a graduated ruler, following the height of the liquid inside the tank. The ruler fits the tank with adjustable and sliding Tees made of stainless steel. Level switches may be mounted on the rear of the ruler with an index showing their location. Graduations are from 0 on the top to 100% at the bottom (*or volume if required*).

The JAR cat & mouse level indicator is the best solution where plastics or composite materials are prohibited.

OPERATING CONDITIONS

- Open, pressure less tank
- Operating temperature: 0 °C ... 80 °C

BASIC CONFIGURATION

For a basic JAR system, Code Nbr 582 010 (Basis 3 m height), components are:

- 1 float, Ø 200 mm, stainless steel AISI 316
- 1 cable Ø 1 mm, stainless steel AISI 316, 6 m long
- 2 stainless steel clamps, AISI 316, for cable Ø 1 mm in stainless steel
- 1 pulley, ruler top mounting, with a no jump system, stainless steel AISI 316, protected in aluminium alloy housing
- 1 pulley, tank top mounting, with a no jump system, stainless steel AISI 316, protected in aluminium alloy housing
- 2 transfer tubes, Ø 12 mm, stainless steel AISI 316, 1 m long each
- 1 red pointer with built in magnet, stainless steel AISI 316
- 1 graduated ruler in aluminium alloy, length to precise on the order
- 1 set of 3 adjustable and sliding Tees, stainless steel

Options

- Level switches, potential free, bistable.

BAMO MESURES

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JAR**

12-05-2009

582 I1 01 B

NIV

582-01/1

CODE NUMBERS AND DESIGNATIONS

Kit JAR

Code	Index	Designation
582 010	—	Basic JAR system, basis 3 m height

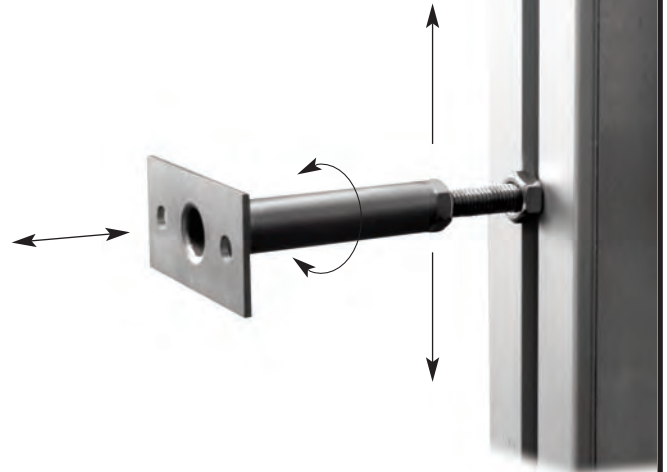
Parts

Code	Index	Designation
583 300	1	Float, Ø 200 mm
583 500	2	Cable Ø 1 mm
583 550	3	Cable clamp
582 040	4	Pulley, ruler top, protected
582 041	5	Pulley, tank top, protected
582 045	6	Transfer tube
582 042	7	Gland connector 3/8"
582 050	8	Pointer, built-in magnet
582 055	9	Te fitting, adjustable and sliding

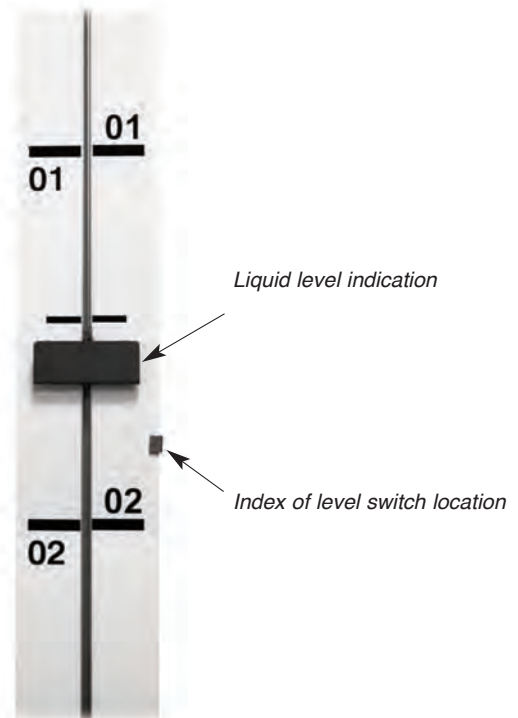
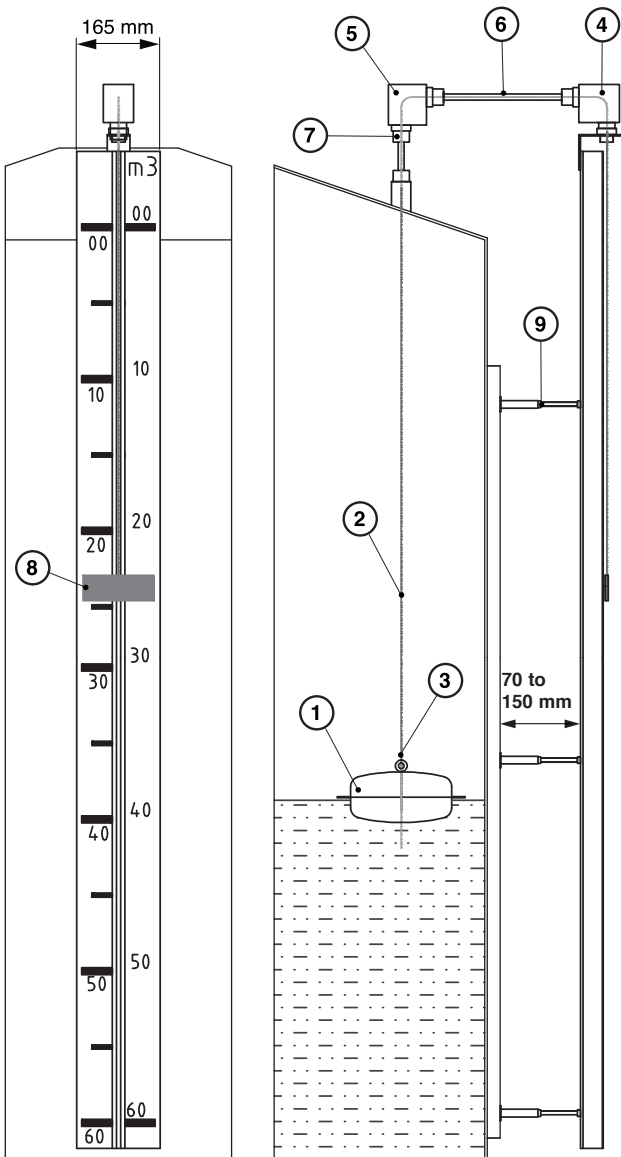
Options

Code	Index	Designation
585 010	—	Level switch

FIXATIONS



Ruler rail sliding te, adjustable between 70 to 150 mm from the tank wall.



Liquid level indication

Index of level switch location

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