

Level gauge, reduced path JAR - CR



- **Metallic level indicator**
- **Half course run for easiest reading**
- **Graduated ruler in % or volume**
- **Protected pulleys with no-jump system**
- **Customized modular equipment**

APPLICATIONS

Reduced graduated ruler to visualize easily a large measuring height which is adaptable to different tank configurations.

Its all-metal design allows its use where plastics are prohibited or ambient conditions are not compatible with them.

DESCRIPTION

Principle

The indicator shows the level inside a tank, a float drives the pointer through a cable, along the graduated scale. The reduced-path JAR-CR has its counterweight equipped with a pulley which reduces the run to the half distance of float course.

Description

This level indicator includes a float and a pointer linked together with a cable running on 2 pulleys. The pointer is used as a counterweight; it slides along a metallic graduated ruler; it has a pulley in order to reduce the course distance. The graduated scale is fixed on the tank by means of adjustable and sliding tees, distance to tank adjustment from 70 to 150 mm. The BSM 501/J contacts can be used and adjusted on the ruler for high and/or low level detection (data-sheet 585-01).

TECHNICAL FEATURES

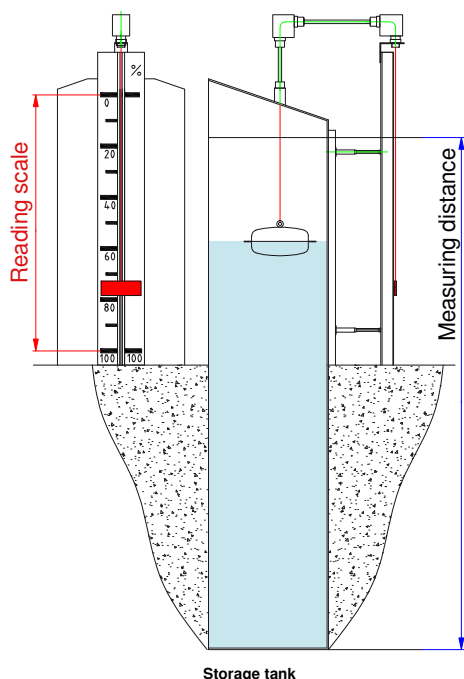
Operating conditions

- Tank at atmospheric pressure
- Operating temperature from 0 up to 50 °C

JAR-CR kit, base 2980 mm high, includes:

- 1 float, Ø 200 mm, AISI 316
- 1 Cable, Ø 1 mm, AISI 316 (length on request)
- 2 cable clamps, AISI 316
- 1 pulley, ruler top mounting, with a no jump system, AISI 316, protected in aluminum casing
- 1 pulley, tank top mounting, with a no jump system, AISI 316, protected in aluminum casing
- 2 transfer tubes, Ø 12 mm, AISI 316, each 1 m long
- 1 pointer with pulley, built-in magnet, AISI 316, red painted
- 1 graduated ruler in aluminum (height according the project)
- 1 set of 3 sliding tees, adjustable distance to the tank (consider 1 tee for each extra metre)

EC Conformity: The instrument meets the legal requirements of the current European Directives



BAMO INTERNATIONAL

22, Rue de la Voie des Bans · Z.I. de la gare · 95100 ARGENTEUIL
Tel +33 (0)1 30 25 83 20 Web www.bamo.eu
Fax +33 (0)1 34 10 16 05 E-mail export@bamo.fr

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D-582.02-EN-AA

NIV

582-02/1

CODE NUMBERS AND REFERENCES

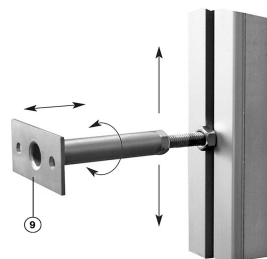
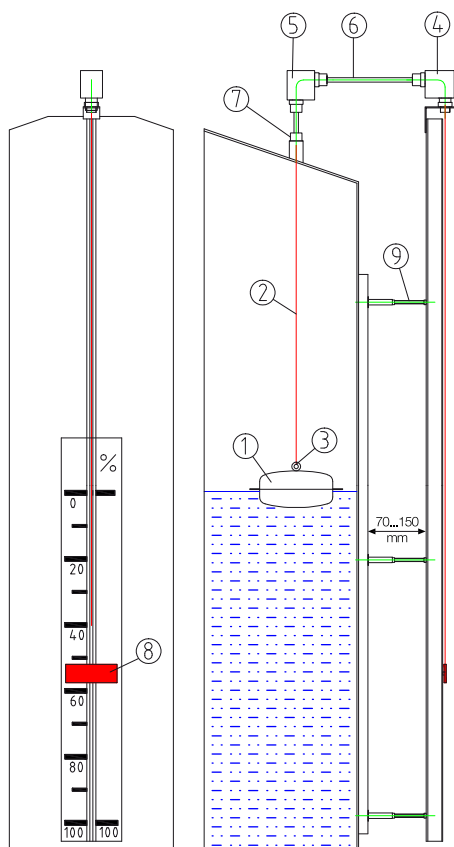
Code	Reference	Description
582 011	Kit JAR - CR	JAR-CR kit, base 2980 mm high

Spare parts:

Code	Reference	Description	Mark
583 300	FI/200/SFA	Float, AISI 316, Ø 200 mm	1
583 500	CIM/SFA	Cable, AISI 316, Ø 1 mm	2
583 550	SC/SFA	Cable clamp, AISI 316	3
582 040	JAR/PI	Pulley for ruler top	4
582 041	JAR/PC	Pulley for tank top	5
582 045	TT/J	Transfer tube, AISI 316, Ø 12, 1 m long	6
582 042	RO/J	Gland connector 3/8" G conical	7
582 051	IM/JCR	Red pointer with built in magnet and pulley	8
582 055	FIX/J	Sliding tee, distance to tank from 70 to 150 mm	9

Option:

Code	Reference	Description
585 010	BSM 501 /J	Level switches for JAR series, change-over, potential free.



Adjustable tee



Adjustable level switch BSM 501/J

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