

Top-Mounted Tank Indicator ÜTA Mounting and Start-Up Instructions

Safety Instructions

The precondition for flawless, safe operation of the top-mounted tank indicator is appropriate transport, storage, assembly, professional installation and start-up, proper use and maintenance.

These activities may only be performed by persons, who have the necessary expertise and qualifications. The relevant safety regulations for the construction and operation of electrical systems must be observed. If information contained in these instructions should prove to be inadequate in any way, please contact the manufacturer.

Function

The top-mounted tank indicator is a mechanically operated, on-the-spot indicator, which may be combined with limit switches. The filling level is displayed directly with a display element via a guide rod and a float. A magnet in the display element activates the attached switching contacts.

ÜTA-32-63 ÜTA-32-90



Use

Suitable for dirty/clumped together media and for media with magnetic/magnetisable particles.

Assembly

The indicator is screwed into the tank/container from the top. Check operating and implementation conditions (temperature, pressure, resistance) (see technical data). Refer to separate operating instructions for the assembly and connection of switching contacts (BK-39x, MO, BI).

Assembly procedure

Step 1: Loosen PVC union nut, remove guide rod and viewing tube from the screw fitting.

Step 2: Seal the bottom section of the screw fitting with the connection thread and screw into the container. Attach guide rod and separately supplied float hand-tight. Install viewing tube over the union nut.

Maintenance/servicing

The indicator does not require any special servicing, over and above the general inspection/functional check of the system. If incrustations should form, the top-mounted tank indicator must be cleaned at regular intervals.

Technical data

Connection, maximum values		Material	
Container	G 1"	Viewing tube	PVC transparent
Operating pressure	Atmospheric	Screw fitting	PVC
Operating	Atmospheric	Rod guide	PTFE
Media density / installation depth		Guide rod: Stainless steel 1.4571, titanium, Hastelloy B/C or PVC tube	
		Float cylinder Ø 63 mm	PP
		Float ball Ø 90 mm	PE
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