SQ – liquid level switches

Sensors for monitoring of standard liquids contained in tanks and barrels



The appearance of the product may differ from the illustration. Technical specifications are subject to change.

SERIA SQ

APPLICATION AND USE

Level control of non-aggressive liquids contained in tanks and barrels.

Alarm signal of minimum or maximum level (safety switch).

KEY FEATURES

- SPDT contact
- Acrylic float

Type	Differential [mm]	Max. pressure [bar]	Max. temperature [°C]	Threaded body 1” G	Float
SQ01	10/14	11	85	brass	acrylic

Technical specifications

Contacts:	dust-tight microswitch with SPDT contact
Switch capacity:	15 (8) A, 24...250 V_{AC}
Max liquid temperature:	+85°C
Max pressure:	see table
Level length:	200 mm
Working conditions:	-40...+85°C
	10...90 % rH. (non condensing)
Storage:	-40...+85 °C
	< 95% r.h.
Housing:	Base in ABS, transparent PC cover
Protection:	IP65, class 1
Dimensions:	140x62x65 mm
Weight:	960 g

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ELECTRICAL WIRING

Connect to red and to white terminals (Fig. 1).

The contact red-white opens when the liquid level raises the float.

The contact red-blue closes at the same time and can be used as a signal or alarm contact.

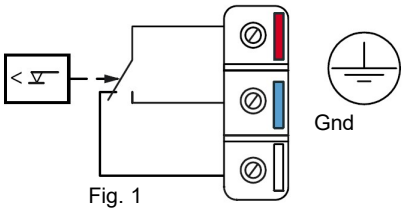
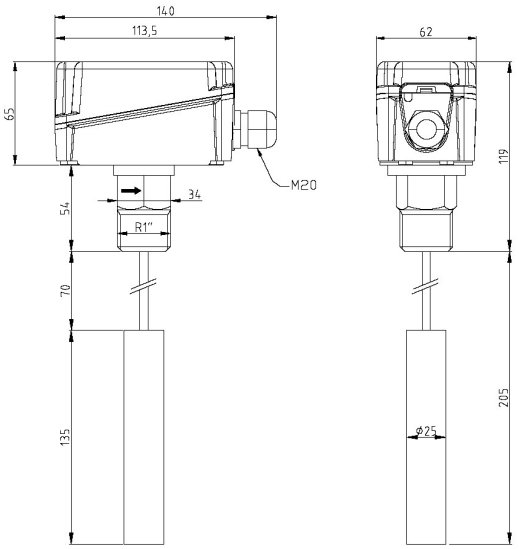


Fig. 1

REMARK

The switch configuration is fixed and not adaptable.

DIMENSIONS [mm]



Due to continuous product improvement, specifications are subject to change without notice.

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