

Liquid Level Switch

Specifications subject to change without notice. | USA 230418 | Page 1 of 1



FUNCTION

Level control of normal liquids contained in tanks and barrels.
Alarm signal of minimum or maximum level.

APPLICATIONS

Well-suited in tanks and barrels.



SQ

MODEL	DIFFERENTIAL in (mm)	MAX. PRESSURE PSI (bar)	MAX. TEMPERATURE F° (°C)	THREADED BODY 1"G	FLOAT
SQ01-US	0.39/0.55 (10/14)	159.5 (11)	185 (85)	Brass	Acrylic

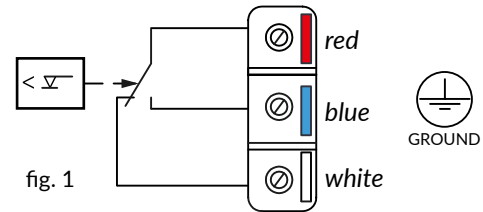
TECHNICAL DATA

Contacts:	Dust-tight microswitch with SPDT contacts (NC/NO)
Switch capacity:	15 (8) A, 24...250 VAC
Max liquid temperature:	185°F (85°C)
Max pressure:	159.5 PSI (11 bar)
Level length:	7.87 in (200 mm)
Pipe fitting:	1" NPT
Conduit connection:	1/2" NPT
Working:	-4°F to 185°F (-20°C to 85°C) 10...90% RH (non-condensing)
Contact to fluid:	-40°F to 185°F (-40°C to 85°C)
Storage:	-40°F to 185°F (-40°C to 85°C) < 95% RH
Housing:	Base in ABS, transparent PC cover
Protection:	IP65, Class I
Size:	5.51 x 2.44 x 2.56 in (140 x 62 x 65 mm)
Weight:	2.1 lbs (0.96 kg)
CE standards:	EN 60730-2-18:2000-07

WIRING DIAGRAM

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.

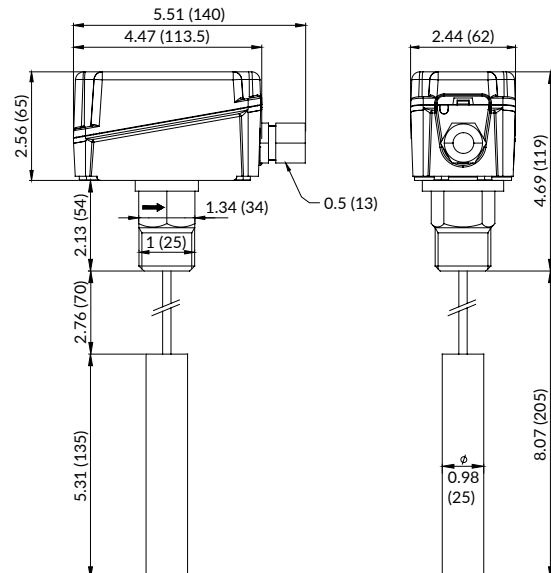


NOTE

The adjustment is fixed and not adaptable

DIMENSIONS

in (mm)



ORDERING INFORMATION

PART NUMBER	DESCRIPTION
SQ01-US	Liquid level switch, SPDT, 15 (8), 24..250 VAC contact rating, -4°F to 185°F / 10 to 90% RH non-condensing operating, includes acrylic float, 1" NPT pipe fitting, 1/2" conduit connection, IP65