



PTC THERMISTORS: TYPE YLS953

LIQUID LEVEL SENSING

DESCRIPTION:

PTC chip in DO-7 style glass package (diode out-line). Designed for level control in fuel oil storage tanks and other level/fluid flow applications.

DATA:

V max at 75°C with Rs = 100 ohms

18 volts dc.

Operating temperature range at V max:

In still air-25°C to +75°C

In still oil (type Shell S5585)....-25°C to +50°C

Switch temperature160°C nom.

Resistance at 25°C115-220Ω

CURRENT VALUES:

Applied Voltage	Still Air @ -25°C (+0/-1°C)	Still Oil @ +50°C (+1/-0°C)
10V dc (±2%/-0)	≤ 47mA	≥ 52.5mA
14V dc (+2%/-0)	≤ 33.5mA	≥ 39.8mA
18V dc (+2%/-0)	≤ 27mA	≥ 33mA
Static I max value	80mA nominal	

Notes:

1. Current values measured with device oriented vertically, the identified end connected to the positive pole and connections made 23-27mm from the glass body.
2. Packing: 100 devices in a plastic bag.



DIMENSIONS:

