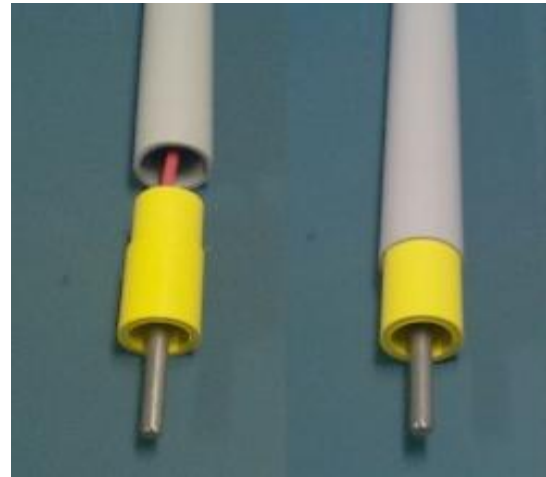




# SP96 CONDUCTIVITY PROBE INFORMATION BRIEF

Release 1.5, OCTOBER 2007

Manufactured in Australia by Alian Electronics Pty. Ltd.  
408 Old Sale Rd. Drouin West 3818 Ph. (613) 5625 2545  
more information is available at [www.alianelectronics.com.au](http://www.alianelectronics.com.au)



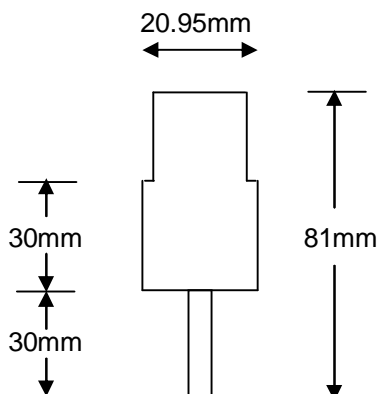
## GENERAL DESCRIPTION:

The SP96 Conductivity Probe is a stainless steel rod mounted in a tough polycarbonate housing designed for vertical immersion in liquids within harsh environments. The probe is ideal for low voltage monitoring of the liquid level in tanks where a conductivity path will form between one or more level probes and an earth common. Where the tank is insulated and an earth return is unavailable, an additional 'common' probe may be used for this purpose.

The connection of the cable to the probe is epoxy sealed against the ingress of moisture. An airtight pocket ensures that when liquid levels fall, that a conductive moisture track will not form a path from the probe tip to the plastic housing and give false readings.

The probe housing is a press fit into standard 25mm electrical conduit so the depth of insertion may be controlled by the conduit length in a given installation. , (shown above, right) Where the liquid being measured is abundant with foam and floating residue, it is recommended that the probe or probes be clustered in a section of 90mm PVC pipe as a protective shroud.

Each probe comes with a two metre length of PVC coated 2.5 sq.mm cable, which is available in four standard colours, Red, White, Blue & Green/Yellow stripe.



ORDER CODES	
RED CABLE	SP96-R
WHITE CABLE	SP96-W
BLUE CABLE	SP96-B
GREEN/YELLOW	SP96-GND