

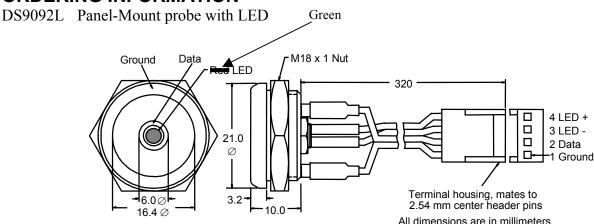
DS9092L iButton Probe with LED

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FEATURES

- Solid metal read/write panel-mount probe for the iButton[®] family
- Integrated green LED for user-feedback signaling
- Probe guides the entry of the iButton
- iButton slides over the surface to self-clean contacts
- Accessible shallow probe cavity simplifies removal of debris such as mud
- Probe suited for panels of up to 3mm thickness
- Contacts made from solid 303 stainless steel with blue nylon insulation
- Metric design, pre-wired for easy installation

ORDERING INFORMATION



DESCRIPTION

The DS9092L <u>i</u>Button Probe with LED provides the electrical contact necessary for the transfer of data to and from the DS19xx family of <u>i</u>Buttons. The round probe shape provides a self-aligning interface that readily matches the circular rim of the <u>i</u>Button's MicroCan package. The solid metal contacts resist wear and are easy to keep clean.

The DS9092L has no moving parts, making it a rugged interface for harsh environments. The round center contact of the DS9092L houses the LED that is rated for maximum 20 mA DC at 2.7V typically.

The probe comes with a brass $M18 \times 1$ nut for panel mounting. Since the body of the probe also forms the ground contact, the panel should be of non-conducting material to avoid ground loops. The 30-cm cable with connector is provided for easy connection to the system microcontroller. The mating connector is a Molex Part Number 22-04-1041.

iButton is a registered trademark of Dallas Semiconductor.

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