Touch Memory Read Heads

Using the Touch Memory Read Heads

Avdata's Touch Memory Read Heads are designed to be used with the Touch Memory iButtons™ manufactured by Dallas Semiconductor.

The Read Heads are ideally suited to applications where a robust and reliable reader is required.

Avdata's Touch Memory Read Heads are tough and will resist weather, petrol and other fuels, chemical corrosion, impact, vandalism and other damage.

Touch Memory ***iButtons***™

The iButton™ is a computer chip housed in a durable 16mm stainless steel can. They use no power, require no maintenance, and will resist dirt, dust, chemicals, water, weather, and rough treatment.

Each chip contains unique identification information. The recorded information can be used to keep track of assets, limit access to equipment, and log the use of equipment. You can also use this information to charge for equipment use.

Using the iButtons™

Using the iButton™ is simple. The user just presses the button against the Avdata Touch Memory Read Head for a moment. Information is electronically transferred from the button through the Read Head to the electronic control device.

Uses ***of the*** Touch Memory Read Heads

The Read Heads are being used for access control in monitoring equipment:

- at livestock saleyards
- in the petroleum industry
- to regulate water use.

Technical ***details***

The Avdata Read Heads are:

- manufactured from stainless steel and Delrin
- solidly constructed and shaped to deflect blows and resist damage
- easy to mount through a 15 mm circular hole
- optionally available with an LED in the centre of the contact.

The electrical connections are at the rear, behind the panel. The Read Head is electrically insulated from the mounting.

The dimensions of the Heads are: length = 30mm, diameter = 25mm, front = 10mm, clearance at back = 20mm (may be varied).

About ***Avdata***

The Avdata Airport Charges Billing Service has been operating since 1990.

In 1993, we set up the National Truckwash System to bill livestock transporters for washing their trucks at saleyards, followed by the introduction in 1999 of the Water Management System.

Our most recent development is the Monitoring & Access Control System (MACS).

We also supply equipment, such as

- audio broadcast recorders
- truckwash and water monitoring controllers
- access control and monitoring modules.

Contact Avdata for further information.

For more information about the iButtons™ contact Dallas microndutor through their web page: www.ibutton.com

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