

# Profound IS – Geotechnical Monitoring System

## IS-battery holder



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The IS-battery holder enables you to use an IS-sensor continuously on a stand-alone basis for at least 120 days.

The IS-battery holder contains a single D-size Lithium or Alkaline battery. With the IS-RS232 converter or the IS-field unit you can easily check the battery status of the battery holder.

To change batteries unscrew the large cap from the battery cover and slide the cover upwards. You can then remove the empty battery and put in a new one.

The housing of the battery holder is especially designed to fit on top of piezometer tubes.

### **Technical specifications**

Operating temperature	-4 °F to +113 °F
Output voltage	6.31 +/- 3% Volt
Output current	50.0 mA max.
Battery life	1x D-size Lithium: 240 days nominal 1x D-size Alkaline: 120 days nominal
Sensor connection	4-wire print terminal, AWG 16 max
Sensor cable	Ø 0.18 – 0.40 in, M16 gland
PC connection	DB9-male
Weight	0.85 lbs including Lithium battery 1.00 lbs including Alkaline battery
Dimensions	Ø 2.3 in, length 5.45 in
Material	Black Delrin
Protection	IP 65



#### **Profound BV (head office)**

P.O. Box 469  
2740 AL Waddinxveen  
The Netherlands  
Tel. + 31 182 - 640 964  
info@profound.nl  
www.profound.nl

#### **VMS-Profound**

1411 Cumberland Rd  
Tyler, TX 75703  
Tel: 903 216 0038

vms-profound@verbeekservices.com  
www.profound-usa.com