

RD385 DataView & RD385 Data Sonde Technical Specification

Description: RD385 DataView remotely displays data received by RD385 receivers.

Part No: 10/ND1256-U2.

Physical:

Construction Polycarbonate enclosure, steel shroud, weatherproof NEMA 3R

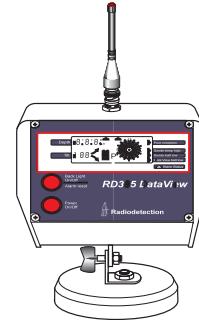
Mounting Free standing, magnetic or bracket.

Dimensions 23 x 17.3 x 16.4 cm (9 x 7 x 6.5 in).

Shipping Box Size 29 x 25 x 22 cm (11.5 x 9.8 x 8.7 in).

Weight 2.7kg (6 lb).

Shipping Weight 3.5 kg (7.7 lb).



Operating Range Up to 150 m (492 ft).
Range extended by using High Gain Antenna (Part Number 10/AC1305).

Visual Indication Liquid Crystal Display indicates:
Data Sonde - Roll, Tilt, Depth, Temperature High, Park, Battery Low.
DataView - Battery Low, Reception Poor.

Batteries 4 x LR14 (C) 1.5 V alkaline.
80 hours life, nominal @ 20°C (68°F), 50 hours life with Backlight.

Operating Temperature Range 0°C to +50°C (+32°F to +122°F).

Miscellaneous

Options High Gain Antenna (Part Number 10/AC1305).

Compatibility Recommended Radiodetection Directional Drilling Locator: RD385, RD385L.

Quality Control BS5750/ISO 9001/EN29001.

EMC  Complies with European EMC Directive 89/336/EEC.

Warranty 12 months.



800-620-4773
360-828-5732
www.rjmcompany.com
brianmoss@rjmcompany.com



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Description RD385 Data Sonde transmitter for directional drilling and pipe boring tracking and location.

Part No. 10/ND1327 Standard version.
 10/ND1327-2 Reverse Roll version.
 10/ND1327-3 No Park - Power Save version.
 10/ND1327-4 Reverse Roll - Slot 6 o'clock version.
 10/ND1327-6 Reverse Roll - Slot 6 o'clock + Rubber Buffers version.
 10/ND1327-7 Standard - Slot 6 o'clock version.

Physical

Construction Metallic battery/electronics housing. Glass reinforced plastic aerial housing.

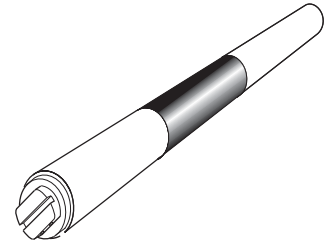
Submersible Level 100 m water/10 bar pressure.

Dimensions 38 cm (15 in) length, 3.2 cm (1.3 in) diameter.

Shipping Box Size Not specified.

Weight 1.1 kg (2.4 lb).

Shipping Weight 1.5 kg (3.3 lb).



Operating Frequency 8 kHz (8.192 kHz).

Depth Range Down to 10 m (32.8 ft).

Roll Measurement 16 segments, 22.5° per segment.

Pitch Measurement 1° step increments to 45°.

Pitch Accuracy ±1° in range 0° to 20°
 ±2° in range 21° to 30°
 ±3° in range 31° to 34°
 ±6° in range 35° to 45°

Signal Amplitude modulated.


Batteries 2 x LR14 (C) 1.5 V alkaline, 20 hours life.

Operating Temperature Range -10°C to +80°C (+15°F to +70°F).

Miscellaneous

Compatibility Recommended Radiodetection Receivers: RD385L, RD385.

Quality Control BS5750/ISO 9001/EN29001.

EMC  Complies with European EMC Directive 89/336/EEC.

Warranty 12 months.



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Radiodetection products are under continuous development and are subject to change without notice