



PB201

TRAILING CABLE PARTIAL BREAK DETECTOR

MAIN FEATURES

- Ease of use
- Lightweight
- Robust Design
- Long Battery Life
- Compact
- Superior Sound
- Active Filters



DESCRIPTION

PARTIAL BREAK DETECTORS ARE USED TO DETECT PARTIAL BREAKS IN MINING TRAILING CABLE CONDUCTORS. THE CABLE UNDER TEST IS FED THROUGH A SUITABLE CABLE HAMMER, WHICH VIBRATES THE CABLE DURING THE FEEDING OPERATION. CONDUCTOR BREAKS WILL MAKE PARTIAL CONTACT DURING THE VIBRATION CYCLE AND PRODUCE A SIGNAL. THIS SIGNAL IS DETECTED, AMPLIFIED AND CONVERTED INTO AN AUDIBLE SIGNAL, WHICH IS FED TO A HEADPHONE SET, WHERE IT CAN BE CLEARLY HEARD BY THE OPERATOR.

BREAKS AS LOW AS 10% CAN EASILY BE DETECTED USING THIS METHOD.



SPECIFICATIONS

ACOUSTIC AMPLIFIER

GAIN > 120db

INDICATION

Headphone

DIMENSIONS

300X200X200mm

POWER SUPPLY

External Car Battery Built-In Charger (Recharge Time 2 hrs)

BATTERY LIFE

10HRS. POWERS DOWN WHEN HEADPHONES ARE UNPLUGGED

FILTERS

ACOUSTIC 150-700Hz

WEIGHT

Transmitter 8kg

ACCESSORIES

Test leads
Headphones

OPTIONAL ACCESSORIES

12V 50-100AH battery



Southern Africa Fault Location (Pty) Ltd
5 Union Street
Roxton
Alberton North
Gauteng
1449
South Africa
Tel: +27119076473
Email: sales@adret.co.za



Management
System
ISO 9001:2015



www.tuv.com
ID 9105029481