

HZ575 Converter

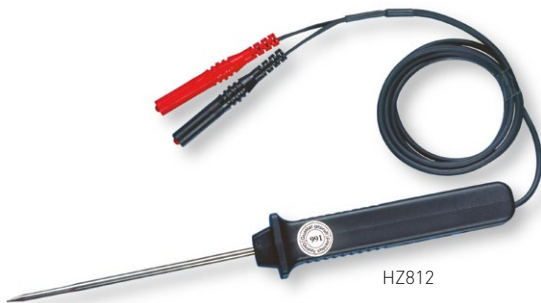


HZ575 is a 75Ω to 50Ω converter enabling measurement in 75Ω systems in connection with 50Ω input impedance spectrum analyzers. The 75Ω input is a 75Ω BNC socket which is AC coupled internally. The output is a 50Ω N male connector which is DC coupled. HZ575 can also be used for reverse operation converting 50Ω to 75Ω.

Technical specifications

Frequency Range:	5MHz...1.2GHz
Insertion loss:	less than 1dB
Max. Level/Voltage:	
at 75Ω connector	+10dBm/±20V _{dc}
at 50Ω connector	+10dBm/0V _{dc}
Dimensions:	25 x 25 x 58mm (W x H x D)
Weight:	100g

HZ812/HZ887 PT100 Temperature Probe



HZ812



HZ887

The HZ812 and HZ887 Temperature Probes are immersion sensors with PT100 sensing resistors. They ensure excellent precision over a broad temperature range. The probes are of robust construction, waterproof and also suitable for use in air or dusty environments. The technical specifications apply for immersion depths of at least 60mm.

The probe is connected to the measuring instrument either with a 2-pin connection using a safety plug (HZ812) or with a 4-pin connection via a 4mm banana plug (HZ887). The length of the connector cable is 1.2m for both probes.

HZ812 is suitable for use in combination with HM8012
 HZ887 is suitable for use in combination with HM8112

Technical specifications in accordance with EN60751 (formerly IEC751)

Probe diameter:	4mm
Measurement range:	-50...+400°C
Accuracy, Class A:	±(0.2% of the reading + 0.15 °C)
t ₉₉ (s):	12s (time required to display 99% of the temperature change)
Connection HZ812:	Safety plug, 4mm, 1.2m PVC cable
Connection HZ887:	4mm banana plug, 1.2m PVC cable

Temperature measurement HZ887 in combination with HM8112-3



Accuracy, HZ812 in combination with HM8012:
 -50°C < T° < 200°C ±(0.2% of reading + 0.25°C)
 200°C < T° < 400°C ±(0.2% of reading + 0.45°C)