

Hydrophone Specification

Sensitivity © 1849: Sensitivity (© 1849: 250 of 80 V/pPs ± 268 with 0.15m shielded cable/Wire leads. Sensitivity (© 1849: Cable, Cable is of 100p/Fineter roughly, Valid for hydrophone without preamplifier. Free-field Voltage Sensitivity. Usable Frequency in Water: Usable Frequency with In 15m shielded Cable/Wire Leads. DOSS Supplied Frequency with In 15m shielded Cable/Wire Leads. Usable Frequency with In 15m shielded Cable/Wire Leads. Dossipation @ 1841: 1, If Water Size Reconance Frequency within its close to the frequency of maximum FIVS. 2, Note denotities in this datasheet are calculated values with transducer parameters being measured in water. 3, as hydrophones works with preparation modules, total noise density is determined by all noise sources. Generally, the total noise density is much higher than the ones stated in this datasheet. Directivity Pattern: Omidirectionals, Refer to Graph of Beam Pattern. Signal Type: As Phytophones works with preparameter of Size Phytophones with Pattern of Pattern Size Phytophones with Pattern of Pattern Size Phytophones Wire Indianal Values wire leads or a non-waterproof connector. In Free Hanging (H) 1, Free Hanging (H) 3, 48 play/m/s? Low Fattern Size Phytophones Wire Phytoph	Part Number:	BII7005				
Cable. Cable is of 1.000p/fmeter roughly. Valid for hydrophone without preamplifier. Free field Voltage Sensitivity: 1 Hitz - 400 bits at \$48th Vijbra. Whales Frequency in Water: Windhimmur Wabber Frequency depends on -348 high pass filter figure 1/(2016). R. Input Resistance or impedance of Preamp. Cs. Capacitance of hydrophone at 1 kHz. Usable Frequency in Air: 1 Hitz - 12 kHz at 2388 Wijbra. Oscillation C (8 1 kHz: 1 0.015 part 2016 with 0.15 m Shielded Cable/Wire Leads. Oscillation C (8 1 kHz: 1 1 Fin Hzt, 15 Resistance Frequency which is close to the frequency of maximum FFVS. 2 1 Fin Hzt, 15 Resistance Frequency which is close to the frequency of maximum FFVS. 3 8.6 − 10 log f 2 1 Fin Hzt, 15 Resistance Frequency which is close to the frequency of maximum FFVS. 4 Noise Density at F< (5); 4 Part 1 Cable Frequency of Maximum FFVS. 5 Noise densities in this databate are calculated values with transducer parameters being measured in water. 5 Generally, the total noise density is much higher than the ones stated in this databate. 6 Cenerally, the total noise density is much higher than the ones stated in this databate. 6 Cenerally, the total noise density is much higher than the ones stated in this databate. 7 Cenerally Pattern: 9 Omidificational, Refer to Graph of Beam Pattern. 1 Signal Type: 1 Offerential 1 Free Hanging (H) 2 Free Hanging (H) 3 Thin Hole Mounting with Single Oring (HDO) 4 Thin Hole Mounting with Single Oring (HDO) 5 Shielded Cable with Polymethane backet, 00–2.6 mm (SC26) 5 Shielded Cable with Polymethane backet, 00–2.6 mm (SC26) 5 Shielded Cable with Twisted Pai and PVC Lacket, 00–3.6 mm (SC36) 5 Shielded Cable with Twisted Pai and PVC Lacket, 00–3.6 mm (SC36) 5 Shielded Cable with Twisted Pai and PVC Lacket, 00–3.6 mm (SC31) 5 Shielded Cable with Twisted Pai and PVC Lacket, 00–3.6 mm (SC31) 5 Shielded Cable with Twisted Pai and PVC Lacket, 00–3.6 mm (SC31) 5 Shielded Cable	Sensitivity @ 1kHz:	-205.0 dB V/μPa ± 2dB with 0.15m shielded cable/Wire Leads.				
Refer to Graph of FFVS vs. Frequency		·				
Usable Frequency in Water:		Cable. Cable is of 100pF/meter roughly. Valid for hydrophone without preamplifier.				
Washle Frequency in Water Minimum Usable Frequency depends on -348 high pass filter f. Jun = 1/12 RB.C.	Free-field Voltage Sensitivity:	Refer to Graph of FFVS vs. Frequency .				
Relinque Resistance or Impedance of Preamp. Co: Capacitance of hydrophone at 1 kHz. Library 1 kHz - 12 kHz + 13 kHz	Usable Frequency in Water:	1 Hz \sim 400 kHz at ±3dB V/ μ Pa.				
Usable Frequency in Air: Air = 12 kHz at 3dB V/pB.		Minimum Usable Frequency depends on -3dB high pass filter $f_{-3dB} = 1/(2\pi R_i C_h)$.				
Capacitance C, @ 1kHz: 0.515 nf ± 10% with 0.15m Shielded Cable/Wire Leads.						
Dissipation		·				
Noise Density at f < 6; dB µPa/VHz 1. f in kHz, fs. Resonance Frequency which is close to the frequency of maximum FFVS. 2. Noise densities in this datasheet are calculated values with transducer parameters being measured in water. 3. As hydrophones works with preamps or data acquisition modules, total noise density is determined by all noise sources. Generally, the total noise density is much higher than the ones stated in this datasheet. Differential Differential Differential Acceleration Sensitivity: 133.4 dB µPa/(m/s²) Low Power Projector: No Maximum Operating Depth: 500 m and limited by the cable length if the cable has wire leads or a non-waterproof connector. 1. Free-hanging (FH) 2. Free-hanging with Male Underwater Connector (FHUWC) 3. Thru-hole Mounting with Single O-ring (THSO) 4. Thru-hole Mounting with Double O-ring (THSO) 5. Bolt Fastening Mounting (Plastics) (EFMP) 6. Bolt Fastening Mounting (Plastics) (EFMP) 7. Custom-fit Please refer to online document AcousticSystem pdf for a complete list of Mounting Options and more details. 1. Shielded Cable with Polyurethane Jacket, 0D=2.6 mm (SC26) 2. Shielded Cable with Twisted Pair and PVC Jacket, 0D=3.6 mm (SC36) 4. Shielded Cable with Twisted Pair and PVC Jacket, 0D=4.7 mm (SC47) 5. Shielded Cable with Twisted Pair and PVC Jacket, 0D=4.7 mm (SC47) 5. Shielded Cable with Rubber Jacket, 0D=6.5 mm (SC65) 6. Custom-fit. Cable Length: 1. Default: 6 m. 2. Custom-fit (St8) (Max. Diameter 020.5 mm) 3. XIR (pin) (XIR) (Max. Diameter 020.2 mm) 4. MIL-5015 St9 (pin) (S015) (Max. Diameter 020.5 mm) 3. XIR (pin) (XIR) (Max. Diameter 020.2 mm) 4. MIL-5015 St9 (pin) 1 (S015) (Max. Diameter 020.5 mm with 3 contacts) 5. Life (Morevater Mateable Connector (pin) (LMC) (Max. Diameter 021.5 to 045 mm) 7. Customized, Duyer specifies the connector. (Custom) Note: Underwater Mateable Connector is for uses underwater. Other connectors and wire leads are for dry uses and are not waterproded. Size: 0. De 010.0 mm, Length > 25.4 mm and actual length depends on Mountin	Capacitance C _h @ 1kHz:	0.515 nF ± 10% with 0.15m Shielded Cable/Wire Leads.				
Noise Density at f < fs: dB yPa/VHz 1. Fine Hzt_fs: Resonance Frequency which is close to the frequency of maximum FEVS. 2. Noise densities in this datasheet are calculated values with transducer parameters being measured in water. 3. As hydrophones works with preamps or data acquisition modules, total noise density is determined by all noise sources. Generally, the total noise density is much higher than the ones stated in this datasheet. Omnidirectional, Refer to Graph of Beam Pattern. Signal Type: Differential	Dissipation @ 1kHz:	0.008				
2. Noise densities in this datasheet are calculated values with transducer parameters being measured in water. 3. As hydrophones works with pragms or data acquisition modules, total noise density is determined by all noise sources. Generally, the total noise density is much higher than the ones stated in this datasheet. Signal Type: Differential Differential Acceleration Sensitivity: 133.4 dB μPa/(m/s²) Low Power Projector: No Maximum Operating Depth: 1. Free Hanging (FH) 2. Free-hanging with Male Underwater Connector (FHUWC) 3. Thru-hole Mounting with Single O-ring (THSO) 4. Thru-hole Mounting with Single O-ring (THSO) 5. Bolt fastening Mounting (Plastics) (BFMP) 6. Bolt fastening Mounting (Stainless Steel) (BFMS) 7. Custom-fit Pleaser effer to online document Acoustic/System and for a complete list of Mounting Options and more details. 1. Shielded Cable with Polyurethane Jacket, ΦD=2.6 mm (SC36) 2. Shielded Cable with Twisted Pair and Polyucethane Jacket, ΦD=3.2 mm (SC32), up to 200°C. 3. Shielded Cable with Rubber Jacket, ΦD=6.5 mm (SC36) 5. Shielded Cable with Rubber Jacket, ΦD=6.5 mm (SC36) 6. Custom-fit. Cable Length: Cable Length: Cable Length: Cable Length: Connector: 4. Default: 6 m. 2. Custom-fit Cable Length. 1. Default: Wire Leads (WI) 2. L/8" (3.5mm) TRS Plug (TRS35) (Max. Diameter Φ10.5 mm), 3. XR (pin) (XR () (Max. Diameter Ф20.2 mm). 4. MIL-5015 Style (pin) (S015) (Max. Diameter Ф21.5 to 935 mm) + Customized, Duper specifies the connector (pin) (UMC) (Max. Diameter Ф21.5 to 935 mm) + Customized, Duper specifies the connector. (Custom) Note: Underwater Mateable Connector (pin) (UMC) (Max. Diameter Ф21.5 to 935 mm) + Customized, Duper specifies the connector. (Custom) Note: Underwater Mateable Connector (pin) (UMC) (Max. Diameter Ф21.5 to 935 mm) + Customized, Duper specifies the connector. (Custom) Note: Underwater Mateable Connector (pin) (UMC) (Max. Diameter Ф21.5 to 935 mm) + Customized, Duper specifies the connector. (Custom) Note: Underwater Mateable Co	· ·	<u> </u>				
8. Noise densities in this datasheet are calculated values with transducer parameters being measured in water. 3. As hydrophones works with preamps or data acquisition modules, total noise density is determined by all noise sources. Generally, the total noise density is much higher than the ones stated in this datasheet. Differential						
Seenarally, the total noise density is much higher than the ones stated in this datasheet.		· · · · · · · · · · · · · · · · · · ·				
Signal Type: Officential						
Signal Type: Differential Acceleration Sensitivity: 133.4 dB μPa/(m/s²) Signal Type: No Naximum Operating Depth: So 0 m and limited by the cable length if the cable has wire leads or a non-waterproof connector. I Free Hanging (FH) So 0 m and limited by the cable length if the cable has wire leads or a non-waterproof connector. I Free Hanging (FH) So 0 m and limited by the cable length if the cable has wire leads or a non-waterproof connector. I Free Hanging (FH) So 0 m and limited by the cable length if the cable has wire leads or a non-waterproof connector. I Free Hanging (FH) So 0 m and limited by the cable length if the cable has wire leads or a non-waterproof connector. I Free Hanging (FH) So 0 m and limited by the cable length if the cable has wire leads or a non-waterproof connector. I Free Hanging (FH) So 0 m and limited by the cable length if the cable has wire leads or a non-waterproof connector. So 0 m and limited by the cable length if the cable has wire leads or a non-waterproof connector. So 0 m and limited by the cable length if the cable has wire leads or a non-waterproof cable with five body in signal So 0 m and limited by the cable length if the cable has wire leads or a non-waterproof cable with five body in signal So 0 m and limited by the cable length in signal So 0 m and limited by the cable length in signal So 0 m and limited So 0 m and	Directivity Battern:					
Acceleration Sensitivity: 133.4 dB µPa/(m/s²)						
Down Projector: No So On and limited by the cable length if the cable has wire leads or a non-waterproof connector.						
Maximum Operating Depth: S00 m and limited by the cable length if the cable has wire leads or a non-waterproof connector.	•					
1. Free Hanging (FH) 2. Free-hanging with Male Underwater Connector (FHUWC) 3. Thru-hole Mounting with Single O-ring (THSO) 4. Thru-hole Mounting with Double O-ring (THSO) 5. Bolt Fastening Mounting (Plastics) (BFMP) 6. Bolt Fastening Mounting (Plastics) (BFMP) 7. Custom-fit Please refer to online document AcousticSystem.pdf for a complete list of Mounting Options and more details. 1. Shielded Cable with Polyurethane Jacket, OD=2.6 mm (SC26) 2. Shielded Cable with Twisted Pair and Teflon (PTFE) Jacket, OD=3.2 mm (SC32), up to 200°C. 3. Shielded Cable with Twisted Pair and PVC Jacket, OD=3.6 mm (SC36) 4. Shielded Cable with Twisted Pair and PVC Jacket, OD=3.6 mm (SC36) 4. Shielded Cable with Twisted Pair and PVC Jacket, OD=3.6 mm (SC36) 4. Shielded Cable with Twisted Pair and PVC Jacket, OD=4.7 mm (SC47) 5. Shielded Cable with Rubber Jacket, OD=6.5 mm (SC65) 6. Custom-fit. 1. Default: 6 m. 2. Custom-fit Cable Length. 2. Ly8" (3.5 mm) TRS Plug (TRS35) (Max. Diameter Φ10.5 mm). 3. XLR (pin) (XLR) (Max. Diameter Φ20.2 mm). 4. MIL-Sol15 Style (pin) (S015) (Max. Diameter Φ20.7 mm). 4. MIL-Sol15 Style (pin) (S015) (Max. Diameter Φ20.5 mm with 3 contacts). 5. LEMO (Plug Male Pins) (LEMO) (Max. Diameter Φ20.5 mm with 3 contacts). 6. Underwater Mateable Connector (pin) (UMC) (Max. Diameter Φ21.5 to Φ35 mm). 7. Customized, buyer specifies the connector. (Custom) Note: Underwater Mateable Connector (in) (UMC) (Max. Diameter Φ21.5 to Φ35 mm). 7. Customized, buyer specifies the connector. (Custom) Note: Underwater Mateable Connector is for uses underwater. Other connectors and wire leads are for dry uses and are not waterproofed. Size: ΦD = Φ10.0 mm, Length ≥ 25.4 mm and actual length depends on Mounting Parts, Cable Types and Length. 1. Default: -10°C to +60°C or 14*F to 140°F. 2. Bespoke High Temperature Transducer: -10°C to 120°C, or 14*F to 248°F. Append HT to part number. Maximum Operating Depth at 120°C or 248*F: 100 m. Storage Temperature: Wiring of Differential Output: Wire Leads Wire Leads Underwater Connect	•					
A Free-hanging with Male Underwater Connector (FHUWC) 3. Thru-hole Mounting with Single O-ring (THSO) 4. Thru-hole Mounting with Double O-ring (THDO) 5. Bolt Fastening Mounting (Stainless Steel) (BFMS) 6. Bolt Fastening Mounting (Stainless Steel) (BFMS) 7. Custom-fit Please refer to online document AcousticSystem.pdf for a complete list of Mounting Options and more details. 1. Shielded Cable with Polyurethane Jacket, ΦD=2.6 mm (SC26) 2. Shielded Cable with Twisted Pair and Teflon (PTFE) Jacket, ΦD=3.2 mm (SC33), up to 200°C. 3. Shielded Cable with Twisted Pair and PVCJacket, ΦD=3.6 mm (SC36) 4. Shielded Cable with Twisted Pair and PVCJacket, ΦD=3.6 mm (SC36) 5. Shielded Cable with Twisted Pair and PVCJacket, ΦD=3.6 mm (SC36) 6. Custom-fit. Cable Length. 1. Default: 6m 2. Custom-fit Cable Length. 1. Default: Wire Leads (WL) 2. 1/8" (3.5mm) TRS Plug (TRS35) (Max. Diameter Ф10.5 mm). 3. XLR (pin) [XLR) (Max. Diameter D20.2 mm). 4. MIL-5015 Style (pin) (5015) (Max. Diameter Ф30.0 mm with 3 contacts). 6. Underwater Mateable Connector (pin) (LIMC) (Max. Diameter Ф21.5 to Ф35 mm). 7. Customized, buyer specifies the connector. (Custom) Note: Underwater Mateable Connector (pin) (LIMC) (Max. Diameter Ф21.5 to Ф35 mm). 7. Customized, buyer specifies the connector. (Custom) Note: Underwater Mateable Connector (pin) (LIMC) (Max. Diameter Ф21.5 to Ф35 mm). 7. Customized, buyer specifies the connector. (Custom) Note: Underwater Mateable Connector (pin) (LIMC) (Max. Diameter Ф30.0 mx with 3 contacts). 8	Maximum Operating Depth:					
3. Thru-hole Mounting with Double O-ring (THSO)	Mounting Options:	9 91 1				
Mounting Options: S. Bolt Fastening Mounting (Plastics) (BFMD)		, ,				
S. Bolt Fastening Mounting (Plastics) (BFMP)						
6. Bolt Fastening Mounting (Stainless Steel) (BFMSS) 7. Custom-fit Please refer to online document AcousticSystem_bdf for a complete list of Mounting Options and more details. 1. Shielded Cable with Polyurethane Jacket, ΦD=2.6 mm (SC26) 2. Shielded Cable with Twisted Pair and Preflon (PTFE) Jacket, ΦD=3.2 mm (SC32), up to 200°C. 3. Shielded Cable with Twisted Pair and Preflon (PTFE) Jacket, ΦD=4.7 mm (SC32), up to 200°C. 4. Shielded Cable with Twisted Pair and Polyurethane Jacket, ΦD=6.5 mm (SC36) 4. Shielded Cable with Twisted Pair and Polyurethane Jacket, ΦD=4.7 mm (SC47) 5. Shielded Cable with Rubber Jacket, ΦD=6.5 mm (SC65) 6. Custom-fit Cable Length: 1. Default: 6 m. 2. Custom-fit Cable Length. 2. Ly8" (3.5mm) TRS Plug (TRS35) (Max. Diameter Φ10.5 mm). 3. XLR (pin) (XLR) (Max. Diameter Φ20.2 mm). 4. MIL-5015 Style (pin) (5015) (Max. Diameter Φ30 mm with 3 contacts). 5. LEMO (Plug Male Pins) (LEMO) (Max. Diameter Φ30.5 mm with 3 contacts). 6. Underwater Mateable Connector (pin) (UMC) (Max. Diameter Φ21.5 to Φ35 mm). 7. Customized, buyer specifies the connector. (Custom) Note: Underwater Mateable Connector is for use underwater. Other connectors and wire leads are for dry uses and are not waterproofed. Size: ΦD = Φ10.0 mm, Length ≥ 25.4 mm and actual length depends on Mounting Parts. Weight: 2 0.03 kg with 0.15m = able. Actual weight depends on Mounting Parts, Cable Types and Length. 1. Default: -10°C to +60°C or 4°F to 140°F. 2. Bespoke High Temperature Transducer: -10°C to 120°C, or 14°F to 248°F. Append HT to part number. Maximum Operating Depth at 120°C or 248°F: 100 m. Storage Temperature: Wiring of Differential Output: Wire Leads White or Red Vinderwater Connector or 17 ip, Positive/Hot Pin 2, Positive/Hot. Pin 3, Negative/Cold.						
7. Custom-fit Please refer to online document AcousticSystem.pdf for a complete list of Mounting Options and more details. 1. Shielded Cable with Polyurethane Jacket, ΦD=2.6 mm (SC26) 2. Shielded Cable with Twisted Pair and Teflon (PTFE) Jacket, ФD=3.2 mm (SC32), up to 200°C. 3. Shielded Cable with Twisted Pair and PVC Jacket, ФD=3.4 mm (SC32), up to 200°C. 4. Shielded Cable with Twisted Pair and PVC Jacket, ФD=3.6 mm (SC36) 4. Shielded Cable with Rubber Jacket, ФD=6.5 mm (SC65) 6. Custom-fit. Cable Length: 1. Default: 6 m. 2. Custom-fit Cable Length. 2. 1/8" (3.5mm) TRS Plug (TRS35) (Max. Diameter Ф10.5 mm). 3. XLR (pin) (XLR) (Max. Diameter Ф20.2 mm). 4. MIL-5015 Style (pin) (5015) (Max. Diameter Ф30 mm with 3 contacts). 5. LEMO (Plug Male Pins) (LEMO) (Max. Diameter Ф30 mm with 3 contacts). 6. Underwater Mateable Connector (pin) (UMC) (Max. Diameter Ф21.5 to Ф35 mm). 7. Customized, buyer specifies the connector. (Custom) Note: Underwater Mateable Connector is for uses underwater. Other connectors and wire leads are for dry uses and are not waterproofed. Size: ΦD = Φ10.0 mm, Length ≥ 25.4 mm and actual length depends on Mounting Parts. Weight: 2 0.03 kg with 0.15π cable. Actual weight depends on Mounting Parts. Weight: 2 0.03 kg with 0.15π cable. Actual weight depends on Mounting Parts, Cable Types and Length. 1. Default: -10°C to +60°C or 14°F to 140°F. Wiring of Differential Output: Wiring of Differ						
1. Shielded Cable with Polyurethane Jacket, ΦD=2.6 mm (SC26) 2. Shielded Cable with Twisted Pair and Teffon (PTFE) Jacket, ΦD=3.2 mm (SC32), up to 200°C. 3. Shielded Cable with Twisted Pair and PVC Jacket, ΦD=3.6 mm (SC36) 4. Shielded Cable with Twisted Pair and PVC Jacket, ΦD=4.7 mm (SC47) 5. Shielded Cable with Twisted Pair and Polyurethane Jacket, ΦD=4.7 mm (SC47) 5. Shielded Cable with Rubber Jacket, ΦD=6.5 mm (SC65) 6. Custom-fit. Cable Length: 1. Default: 6 m. 2. Custom-fit Cable Length. 1. Default: Wire Leads (WL) 2. 1/8" (3.5mm) TRS Plug (TRS35) (Max. Diameter Φ10.5 mm). 3. XLR (pin) (XLR) (Max. Diameter Φ20.2 mm). 4. MIL-5015 Style (pin) (S015) (Max. Diameter Φ9.5 mm with 3 contacts). 5. LEMO (Plug Male Pins) (LEMO) (Max. Diameter Φ9.5 mm with 3 contacts). 6. Underwater Mateable Connector (pin) (UMC) (Max. Diameter Φ21.5 to Φ35 mm). 7. Customized, buyer specifies the connector. (Custom) Note: Underwater Mateable Connector is for uses underwater. Other connectors and wire leads are for dry uses and are not waterproofed. Size: ΦD = Φ10.0 mm, Length ≥ 25.4 mm and actual length depends on Mounting Parts. Default: -10°C to +60°C or 14°F to 140°F. Default: -10°C to +60°C or -4*F to 140°F. Default: -10°C to +60°C or -4*F to 140°F. Wiring of Differential Output: Wiring of Differential Output: Wire Leads White or Red Pin 2 Tip, Positive/Hot Pin 2, Positive/Hot. Signal - White or Red Pin 2 Tip, Positive/Lotd Pin 3, Negative/Cold.						
2. Shielded Cable with Twisted Pair and Teflon (PTFE) Jacket, ΦD=3.2 mm (SC32), up to 200°C. 3. Shielded Cable with Twisted Pair and PVC Jacket, ΦD=3.6 mm (SC36) 4. Shielded Cable with Twisted Pair and PVC Jacket, ΦD=4.7 mm (SC47) 5. Shielded Cable with Rubber Jacket, ΦD=6.5 mm (SC65) 6. Custom-fit. Cable Length: 1. Default: 6 m. 2. Custom-fit Cable Length. 1. Default: Wire Leads (WL) 2. 1/8" (3.5mm) TRS Plug (TRS35) (Max. Diameter Φ10.5 mm). 3. XLR (pin) (XLR) (Max. Diameter Φ20.2 mm). 4. MIL-5015 Style (pin) (5015) (Max. Diameter Φ30 mm with 3 contacts). 6. Underwater Mateable Connector (pin) (UMC) (Max. Diameter Φ21.5 to Ø35 mm). 7. Customized, buyer specifies the connector. (Custom) Note: Underwater Mateable Connector (pin) (UMC) (Max. Diameter Φ21.5 to Ø35 mm). 7. Customized, buyer specifies the connector. (Custom) Note: Underwater Mateable Connector is for uses underwater. Other connectors and wire leads are for dry uses and are not waterproofed. Size: ΦD = Φ10.0 mm, Length ≥ 25.4 mm and actual length depends on Mounting Parts. Φeight: 2 0.03 kg with 0.15m cable. Actual weight depends on Mounting Parts, Cable Types and Length. 1. Default: -10°C to +60°C or 14°F to 140°F. Question Temperature: - 20°C to +60°C or -4°F to 140°F. Wiring of Differential Output: Wiring of Differential Output: Wiring of Differential Output: White or Red Pin 2 Tip, Positive/Hot Pin 2, Positive/Hot Pin 2, Positive/Cold.						
Size: OD = OD 10.0 mm, Length ≥ 25.4 mm and actual length depends on Mounting Parts. Weight: Default: 10°C to +60°C or 14°F to 140°F. Viring of Differential Output: Wiring of Differential Output: Wire Leads Underwater Transducer: 1.0°C to 140°F. Viring of Differential Output: Wire Leads Viring of Differential Output: Vire Leads Viring of Differential Output: V	Cable Options:					
A. Shielded Cable with Twisted Pair and Polyurethane Jacket, ΦD=4.7 mm (SC47) 5. Shielded Cable with Rubber Jacket, ΦD=6.5 mm (SC65) 6. Custom-fit. Cable Length: 1. Default: 6 m. 2. Custom-fit Cable Length. 1. Default: Wire Leads (WL) 2. 1/8" (3.5mm) TRS Plug (TRS35) (Max. Diameter Φ10.5 mm). 3. XLR (pin) (XLR) (Max. Diameter Φ20.2 mm). 4. MIL-5015 Style (pin) (5015) (Max. Diameter Φ30 mm with 3 contacts). 5. LEMO (Plug Male Pins) (LEMO) (Max. Diameter Φ9.5 mm with 3 contacts). 6. Underwater Mateable Connector (pin) (UMC) (Max. Diameter Φ21.5 to Φ35 mm). 7. Customized, buyer specifies the connector. (Custom) Note: Underwater Mateable Connector is for uses underwater. Other connectors and wire leads are for dry uses and are not waterproofed. Size: ΦD = Φ10.0 mm, Length ≥ 25.4 mm and actual length depends on Mounting Parts. Weight: 2 0.03 kg with 0.15m cable. Actual weight depends on Mounting Parts, Cable Types and Length. 1. Default: -10°C to +60°C or 14°F to 140°F. 2. Bespoke High Temperature Transducer: -10°C to 120°C, or 14°F to 248°F. Append HT to part number. Maximum Operating Depth at 120°C or 248°F: 100 m. Storage Temperature: 2-0°C to +60°C or -4°F to 140°F. Wiring of Differential Output: Wire Leads Vinderwater Connector TRS Plug (Balanced Mono) XLR Plug (Balanced Audio) Signal - White or Red Pin 2 Tip, Positive/Hot Pin 2, Positive/Hot.		, , , , , , , , , , , , , , , , , , , ,				
S. Shielded Cable with Rubber Jacket, ΦD=6.5 mm (SC65) 6. Custom-fit. Cable Length: 1. Default: 6 m. 2. Custom-fit Cable Length. 1. Default: Wire Leads (WL) 2. 1/8" (3.5mm) TRS Plug (TRS35) (Max. Diameter Φ10.5 mm). 3. XLR (pin) (XLR) (Max. Diameter Φ20.2 mm). 4. MIL-5015 Style (pin) (5015) (Max. Diameter Φ30 mm with 3 contacts). Connector: 5. LEMO (Plug Male Pins) (LEMO) (Max. Diameter Φ9.5 mm with 3 contacts). 6. Underwater Mateable Connector (pin) (UMC) (Max. Diameter Ф21.5 to Ф35 mm). 7. Customized, buyer specifies the connector. (Custom) Note: Underwater Mateable Connector is for uses underwater. Other connectors and wire leads are for dry uses and are not waterproofed. Size: ΦD = Φ10.0 mm, Length ≥ 25.4 mm and actual length depends on Mounting Parts. ΦDefault: -10°C to +60°C or 14°F to 140°F. Operation Temperature: 1. Default: -10°C to +60°C or 14°F to 140°F. Wiring of Differential Output: Wire Leads Vine read Vine reads Vine read Vine reads Vin		· · · · · ·				
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Size: Deration Temperature: Depration Temperature: Storage Temperature: Description Storage Temperature: Description Signal + White or Red Description Size Sunderwater Maleable Pins) (LEMO) (Max. Diameter Φ9.5 mm with 3 contacts). (Suatomized, buyer specifies the connector. (Custom) Note: Underwater Mateable Connector is for uses underwater. Other connectors and wire leads are for dry uses and are not waterproofed. Size: ΦD = Φ10.0 mm, Length ≥ 25.4 mm and actual length depends on Mounting Parts. ≥ 0.03 kg with 0.15m cable. Actual weight depends on Mounting Parts, Cable Types and Length. 1. Default: -10°C to +60°C or 14°F to 140°F. 2. Bespoke High Temperature Transducer: -10°C to 120°C, or 14°F to 248°F. Append HT to part number. Maximum Operating Depth at 120°C or 248°F: 100 m. Storage Temperature: Viring of Differential Output: Wire Leads Underwater Connector TRS Plug (Balanced Mono) XLR Plug (Balanced Audio) Signal + Signal - Black Pin 2 Ring, Negative/Cold Pin 3, Negative/Cold.						
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Signal - Black Pin 1 Ring, Negative/Cold Pin 3, Negative/Cold.	Wiring of Differential Output:	Wire Leads	Underwater Connector	TRS Plug (Balanced Mono)	XLR Plug (Balanced Audio)	
	Signal +	White or Red	Pin 2	Tip, Positive/Hot	Pin 2, Positive/Hot.	
Common & Shielding Shield Pin 3 Sleeve, Ground/Common Pin 1 Cable Shield/Chassis Ground	Signal -	Black	Pin 1	Ring, Negative/Cold	Pin 3, Negative/Cold.	
Tim 1, casic sincial citation	Common & Shielding	Shield	Pin 3	Sleeve, Ground/Common	Pin 1, Cable Shield/Chassis Ground.	
Sound Measurement in Air: The hydrophones can be used to detect sounds in air. The sensitivity in air is same to the one in water in low frequency range.						



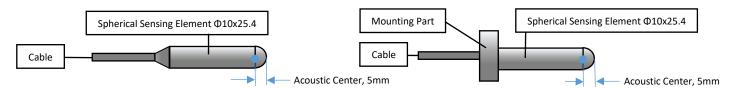
Benthowaye Instrument Inc.

Underwater Sound Solutions

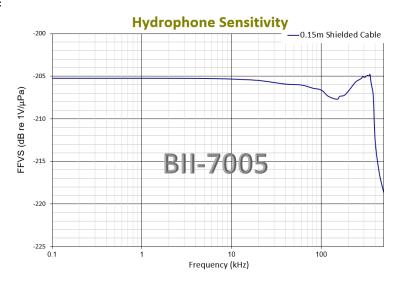
www.benthowave.com

Physical Size (Dimensional Unit: mm) of Free Hanging:

Physical Size (Dimensional Unit: mm) with Mounting Part:



Free-field Voltage Sensitivity (FFVS):



Beam Pattern:

