**Benefits...**

- Robust and reliable design with Stainless Steel End Caps to give longer life span.
- Choice of cable options available.
- Wide variety of Instrument connectors supported.
- Choice of Probe frequencies to ensure best results.
- Dis-connectable Cable options ensure maximum on-site availability.

**Applications...**

**Differential ID Probes:**
For internal diameter tube inspection, ideal for inspecting non-ferrous tubular heat exchangers, condensers, air conditioning etc.

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**INTERNAL DIAMETER (ID) PROBES & ID DIS-CONNECTABLE CABLES**

Our range of ID Probes are designed hand in hand with our Cables to offer the best options when working in the field. With our Dis-connectable Cables if either the Probe or Cable fails, the operator can easily swap them for another and carry on with their inspection reducing interruption to their inspection and the cost of having to replace both the Probe and Cable.

**The Key Features for our Internal Diameter (ID) Probes include:**

- Probe diameters from 7.5 to 150mm, available in 0.1mm steps.
- Dis-connectable and integral probe cables.
- Cable lengths from 3.0 to 30 meters.
- Frequency range from 1.4kHz to 1.5MHz, centre frequencies 2.7, 10, 24, 76, 190, 400kHz.
- Cross axis and driver/pickup options also available on request.
- 3 Cable options - PVC Push / Pull (Rigid), Polyurethane (Semi-Rigid), and Flexible.
- Connector options to suit most types of equipment.
### ID Probe Coding System

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Example Part Number:</th>
</tr>
</thead>
<tbody>
<tr>
<td>PI</td>
<td>Probe Internal Diameter</td>
<td>PID212L20R24k</td>
</tr>
<tr>
<td>D</td>
<td>Differential (Bridge)</td>
<td></td>
</tr>
<tr>
<td>091</td>
<td>Dia 9.1mm</td>
<td></td>
</tr>
<tr>
<td>212</td>
<td>Dia 21.2mm</td>
<td></td>
</tr>
<tr>
<td>D</td>
<td>Disconnectable (Standard) For probes diameters between 11.5mm and 55.0mm</td>
<td></td>
</tr>
<tr>
<td>E</td>
<td>Disconnectable For probes diameters above 55.0mm</td>
<td></td>
</tr>
<tr>
<td>J</td>
<td>Jaeger 6-Way</td>
<td></td>
</tr>
<tr>
<td>L</td>
<td>Lemo 12-Way</td>
<td></td>
</tr>
<tr>
<td>M</td>
<td>Lemo 7-Way</td>
<td></td>
</tr>
<tr>
<td>Z</td>
<td>4-way Amphenol</td>
<td></td>
</tr>
<tr>
<td>03</td>
<td>3.0m Cable</td>
<td></td>
</tr>
<tr>
<td>05</td>
<td>5.0m Cable</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>10.0m Cable</td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>15.0m Cable</td>
<td></td>
</tr>
<tr>
<td>20</td>
<td>20.0m Cable (Standard)</td>
<td></td>
</tr>
<tr>
<td>25</td>
<td>25.0m Cable</td>
<td></td>
</tr>
<tr>
<td>30</td>
<td>30.0m Cable</td>
<td></td>
</tr>
<tr>
<td>00</td>
<td>Disconnect</td>
<td></td>
</tr>
<tr>
<td>F</td>
<td>Flexible</td>
<td></td>
</tr>
<tr>
<td>R</td>
<td>Rigid Push/Pull</td>
<td></td>
</tr>
<tr>
<td>P</td>
<td>Polyurethane (Semi Rigid)</td>
<td></td>
</tr>
<tr>
<td>2.7k</td>
<td>2.7kHz</td>
<td></td>
</tr>
<tr>
<td>10k</td>
<td>10KHz</td>
<td></td>
</tr>
<tr>
<td>24k</td>
<td>24kHz</td>
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<tr>
<td>190k</td>
<td>190kHz</td>
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</tr>
<tr>
<td>400k</td>
<td>400kHz</td>
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</table>

Other frequencies available on request

Example Part Number: PID212L20R24k  
Description: Probe, Internal Diameter, Differential, Dia 21.2mm, Lemo 12-Way, 20 meters, Rigid Push/Pull, 24kHz

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### ID Disconnectable Cable Coding System

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Example Part Number:</th>
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</thead>
<tbody>
<tr>
<td>CI</td>
<td>Cable Internal Diameter</td>
<td>CIDL20R</td>
</tr>
<tr>
<td>D</td>
<td>Differential (Bridge)</td>
<td></td>
</tr>
<tr>
<td>J</td>
<td>Jaeger 6-Way</td>
<td></td>
</tr>
<tr>
<td>L</td>
<td>Lemo 12-Way</td>
<td></td>
</tr>
<tr>
<td>M</td>
<td>Lemo 7-Way</td>
<td></td>
</tr>
<tr>
<td>Z</td>
<td>4-way Amphenol</td>
<td></td>
</tr>
<tr>
<td>03</td>
<td>3.0m Cable</td>
<td></td>
</tr>
<tr>
<td>05</td>
<td>5.0m Cable</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>10.0m Cable</td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>15.0m Cable</td>
<td></td>
</tr>
<tr>
<td>20</td>
<td>20.0m Cable (Standard)</td>
<td></td>
</tr>
<tr>
<td>25</td>
<td>25.0m Cable</td>
<td></td>
</tr>
<tr>
<td>30</td>
<td>30.0m Cable</td>
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</tr>
<tr>
<td>00</td>
<td>Disconnect</td>
<td></td>
</tr>
<tr>
<td>F</td>
<td>Flexible</td>
<td></td>
</tr>
<tr>
<td>R</td>
<td>Rigid Push/Pull</td>
<td></td>
</tr>
<tr>
<td>P</td>
<td>Polyurethane (Semi Rigid)</td>
<td></td>
</tr>
</tbody>
</table>

Example Part Number: CIDL20R  
Description: Cable, Internal Diameter, Differential, Lemo 12-Way, 20 meters, Rigid Push/Pull.

Other options are available so please feel free to contact us directly.