1. **Why do I need NetLink?**

   NetLink connects CenterLine LVDTs and/or Balluff LPTs to your PLC using most communications protocols. This is very useful if:

   - you are replacing other fastener sensing devices or starting new with CenterLine LVDT Weld Bodies / Balluff LPT stroke sensing, and
   - there is a large distance between the CenterLine LVDT/ Balluff LPT device and your PLC,
   - you are comfortable using analog signals and do not need a digital solution, like VeriFast™ MicroView and,
   - you do not have enough panel space to install the CenterLine LVDT Signal Conditioner and you have one of the available communications protocols.

2. **How many CenterLine LVDTs can I put in a NetLink enclosure?**

   Maximum of four (4) per enclosure, except on I/O Link, where the maximum is two (2).

3. **Can I also use it for Balluff LPTs?**

   Yes, but only a maximum of two (2).

4. **How many versions of NetLink are available?**

   Twenty-six (26) standard versions are available. There are six (6) each for EtherNet, DeviceNet, ProfiNet and ProfiBus, and two (2) for I/O Link. There is a chart provided for the 'standard' versions.

5. **Can I hook up other analog devices to NetLink?**

   No. CenterLine can, however, create a custom solution to suit most applications, as the internal hardware will support most analog devices.

6. **What communications protocols can I use with NetLink?**

   NetLink supports: EtherNet, DeviceNet, I/O Link, ProfiNet and ProfiBus.

7. **What is the size of the NetLink enclosure?**

   The hinged enclosure is 10" high, 8" wide and 6" deep.

8. **Is the NetLink enclosure CSA rated?**

   Yes – it is CSA Type 3R, 4, 12 and 13 rated. As well as complying with NEMA type 3R, 4, 12 and 13 and JIC EGP-1-1967 and IEC 60529, IP66

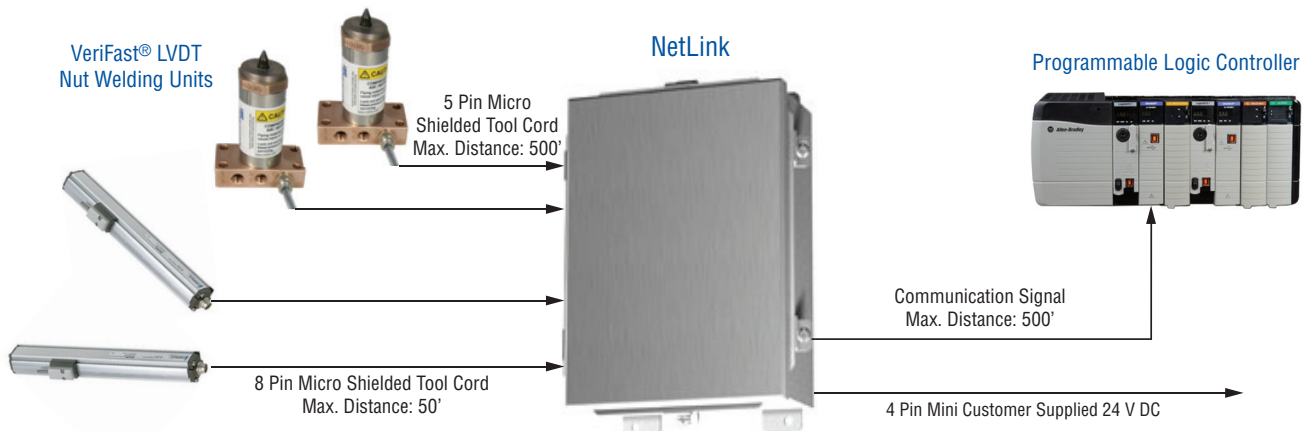9. **Does NetLink come complete with all cables?**

   No. We provide only the 5m cables that connect to the devices, ie LVDT weld bodies, or Balluff LPTs. It is up to the customer to provide power and communications cables to the NetLink enclosure.

10. **How do I wire the NetLink to my control panel?**

    NetLink has a male, 4-Pin, mini connector to provide 24 VDC to NetLink, as well as a port for the communications protocol that is ordered.

11. **How is NetLink integrated?**

    NetLink has no internal processing capability. It is up to the customer to program their PLC to accommodate NetLink. CenterLine can provide some basic programming templates.

VeriFast® LVDT Nut Welding Units

5 Pin Micro Shielded Tool Cord Max. Distance: 500'

NetLink

Programmable Logic Controller

Communication Signal Max. Distance: 500'

8 Pin Micro Shielded Tool Cord Max. Distance: 50'

4 Pin Mini Customer Supplied 24 V DC

One standard version of available NetLink configurations.

centerline ®

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