Crimping of large wire gauges for turned contacts



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2/15

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Crimping is more than just deforming the contact with a wire

Quality factors during crimping



Crimping is more than just deforming the contact with a wire



Quality factors during crimping

Turned contacts:

- often used in harsh environments (aviation, aerospace, machinery)
- high-precision manufacturing process
- Iow contact resistance
- less generation of heat at equal conditions
- round shape favors contact density and precise fitting in isolation body
- vibration proof, gastight connection



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Crimping is more than just deforming the contact with a wire



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2. Importance of correct crimping



Could be as minor as causing a headlight to flicker



Or it could trigger a safety system or data center to fail



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3. Requirements for crimp quality





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3. Requirements for crimp quality





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4. Outlook and Summary

Crimping is more than just deforming the contact with a wire

3 quality factors must be coordinated (contact, cable, tool)

Crimping will remain an important termination technology

Crimping is ideal for Power Electronics and Energy Storage

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HARTING Technology Group





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Thank you for your attention



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