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Technical Advisory Bulletin

Ingress Protection & Durability of LPR48-300

Date: April 19, 2021

Model #: LPR48-300

Part #: 0120049-001

Issue

Improper or incomplete installation of an LPR48-300 can lead to excess strain on the cable housing, deformation of connectors/seals, and introduce water ingress issues.

Corrective Action

- Create a 10.2cm (4 inch) strain relief loop before connecting to the input of the LPR48-300 module. This ensures that the cable connector enters the module horizontally to avoid excess strain on the housing (Refer to 0470461-TAB Rev A (06/2020) for more details).
- For increased level of protection against ingress of water, we recommend the installation of the LPR IP68 Kit on both the input and output connectors. This kit will enhance the IP rating of the LPR48-300 from IP67 to IP68. Refer to 0380571-F0 upgrade instruction document for more details.
- Prior to installation, ensure that the LPR48-300 and all accessories included with it are inspected for damage that may have occurred during transportation.
- The installer should verify all connections and hardware are tightened to the proper specification requirements prior to leaving the site.

Sincerely,

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