

PCN #		Issued Date	
2026001		01/12/2025	
PCN Title			
Amphenol Right-Angle M8 GPIO Cable Notice.			
Document Version		Customer Contact	
1.0		Sales@thinklucid.com	
PCN TYPE	<input type="checkbox"/> Electrical Specification	<input type="checkbox"/> Regulatory or Compliance	
	<input checked="" type="checkbox"/> Mechanical Specification	<input type="checkbox"/> Part Number Change	
	<input type="checkbox"/> Optical Specification	<input type="checkbox"/> End of Life	
	<input type="checkbox"/> Firmware Specification	<input type="checkbox"/> Other	
Affected Part Number(S)			
PART NUMBER		DESCRIPTION	
GPIO-M8-5M-RA1-A		Amphenol M8-Open GPIO IP67 Cable 5M (RA1)	
GPIO-M8-5M-RA2-A		Amphenol M8-Open GPIO IP67 Cable 5M (RA2)	
GPIO-M8-15M-RA1-A		Amphenol M8-Open GPIO IP67 Cable 15M (RA1)	
GPIO-M8-15M-RA2-A		Amphenol M8-Open GPIO IP67 Cable 15M (RA2)	

Reason and Description of the Product Change

A nonconformance was reported involving adhesive residue on right-angled M8 cables, with some units exhibiting nonconforming M8 overmolding.

Adhesive Residue:**Defective M8 overmold:****Issue Start Date**

The issues are confined to right-angled M8 GPIO cables manufactured at the supplier's Mexico facility, which LUCID began selling in October 2025.

Resolution Detail

The issues have been escalated to the supplier. The root cause of the adhesive residue was identified as over-application of the clear adhesion primer. The primer's main components are mixed xylenes and methyl isobutyl ketone (MIBK). The defective M8 overmold was caused by incorrect settings on the molding machine.

Upon further review, the supplier confirmed that neither the adhesive residue nor the defective M8 overmold has any functional impact on the cables, as all units undergo functional testing for proper signal transmission and leak testing prior to shipment.

The supplier has implemented process changes to address the issues as follows:

Primer Residue Issue

- The brush used to apply the primer has been replaced with a finer brush.
- Changes applied to cables manufactured on or after 12/10/2025.

Defective M8 Overmold

- Molding pressure and injection speed have been modified to ensure complete cavity filling.
- First-article inspection and in-process monitoring have been implemented to prevent recurrence.
- Changes applied to cables manufactured on or after 01/07/2026.

Recommended Action for Customers

If you have cables exhibiting the adhesive residue or defective M8 overmold issue, please contact LUCID [Support](#) to request for replacement cable free of charge.