

Product change notification – CAF260072 SACC M12 Screw Connection (M12 8pos. + M12 SH 4pos. 5pos)

Change to leadfree



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Change Description:

In compliance with global environmental regulations and to ensure future product availability, the copper alloy (brass) base material used for our M12 connector components is being transitioned to a completely lead-free alternative (< 0.1% Pb by weight). This proactive adjustment ensures long-term compliance independent of the declining RoHS Exemption 6c.

Impact on Product Specification:

- The material optimization has no impact on the form, fit, function, or technical ratings of the products.
- The electrical properties, mechanical robustness, and environmental protection classes remain fully certified
- Function: Backwards compatibility with all existing M12 components is fully guaranteed
- Approvals: Existing IP ratings (IP65/IP67) and industrial certifications are fully maintained
- V/C Level on bag is increased

Small optical differences:

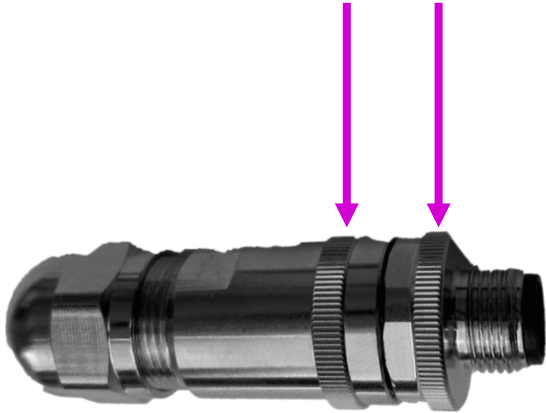
- The knurling was chosen a bit coarser for better manufacturability and better handling for assembly
- The color of the connectors (surface) is more dull and darker (no more brass coating; not so shiny)

Change to leadfree

Old:

Lead containing:

- Shiny coating
- Fine knurling



Affected products:

See article list (SACC M12 8-pos and M12 SH 4- / 5- pos)

New:

Leadfree:

- ensures long-term compliance
- RoHS without exceptions
- Other visual color surface
- More coarser knurling (better manufacturability and handling for assembly)
- V/C level increased

