

Product change notification (PCN)

Title / short description	SACC M12 Sh Screw Connection - Design Change for pressure screw
Affected article category	Sensor/actuator cabling
Change category	Form and appearance, Material
Change number	CAF260074-00
Reason for PCN/PDN Revision	

Purpose/objective of the change

The manufacturing process of the pressure screw is being updated. In the future, the pressure screw will be produced using the zinc die-casting process. Until now it was machining-based. This aligns its production with the other housing parts of the connector.

Detailed description of the change

This change leads to a visual design change at the component: pressure screw (see pictures attached). Also the tightening torque will be increased at the spot from 1Nm up to 1.5Nm. Approvals, dimensions or technical specification will not change. The new designed pressure screw will increase the robustness and higher mechanical stability due to new zinc die-casting and also the production process is more standardized thanks to an uniform manufacturing process across all connector housing parts.

Identifying characteristics

Increased V/C on packaging label

Start of Production (SOP)	-	Last Time Delivery (LTD)	-
Effective date (EOP)	2026-10-01	End of Service (EOSR)	-
End of Sales (EOS)	-		

Short-term change (< 6 months) or discontinuation (< 12 months), due to:

- | | | |
|---|--|--|
| ☐ Software / Firmware Bugfix | ☐ Short-term delivery stop by supplier | ☐ Short-term recall by supplier |
| ☐ Force majeure | ☒ Product improvement with customer benefits | |
| ☐ Others | | |

Attachments

- CAF260074 SACC M12 SH Screw Connection - Design Change for pressure screw .pdf
- Material_list.csv
- PCN-CAF260074-00_EN

Material list

Item no.	Item Type	Hardware old	Firmware new	Item no.	Substitute item Type
1508365	SACC-M12FS-5CON-PG 9 SH AU	03	04		
1411894	SACC-M12FR-5CON-PG 9-SH ADH	02	03		
1507777	SACC-M12FSB-5CON-PG9 SH AU	03	04		
1508352	SACC-M12MS-5CON-PG 9 SH AU	04	05		
1411893	SACC-M12MR-5CON-PG 9-SH ADH	02	03		
1507764	SACC-M12MSB-5CON-PG9 SH AU	04	05		
1404410	SACC-M12MS-12SOL-PG 9-M SH	03	04		
1404412	SACC-M12MR-12SOL-PG 9-M SH	02	03		
1404411	SACC-M12FS-12SOL-PG 9-M SH	03	04		
1404413	SACC-M12FR-12SOL-PG 9-M SH	02	03		

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Design Change for pressure screw (zinc die cast)



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Design Change for pressure screw (zinc die cast)

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The manufacturing process of the pressure screw is being updated.

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This aligns its production with the other housing parts of the connector.

Impact on Product Specification:

- Visual Appearance: The pressure screw will feature a modified optical design.
- Tightening Torque: The tightening torque increases from ~ 1.0 Nm (old version) to **1.5 Nm** (new version).
- Approvals: Existing IP ratings (IP65/IP67) and industrial certifications are fully maintained
- V/C Level on bag is increased

Advantages:

- Increased Robustness: Zinc die-casting provides higher mechanical stability.
- Process Standardization: Uniform manufacturing process across all connector housing parts.

Design Change for pressure screw (zinc die cast)

Old:

Machining-based process:

New:

Zinc die cast process:

- Increased robustness
- Process standardization
- Optical change at pressure screw
- Higher tightening torque (new: 1.5 Nm)
- V/C level increased



Affected products:

See article list (SACC M12 Shielded)

Item no.;Type;old;new;Substitute item;Replacement product designation;eCl@ss 13.0;
1508365;SACC-M12FS-5CON-PG 9 SH AU;03;04;;;27440116;
1411894;SACC-M12FR-5CON-PG 9-SH ADH;02;03;;;27440116;
1507777;SACC-M12FSB-5CON-PG9 SH AU;03;04;;;27440116;
1508352;SACC-M12MS-5CON-PG 9 SH AU;04;05;;;27440116;
1411893;SACC-M12MR-5CON-PG 9-SH ADH;02;03;;;27440116;
1507764;SACC-M12MSB-5CON-PG9 SH AU;04;05;;;27440116;
1404410;SACC-M12MS-12SOL-PG 9-M SH;03;04;;;27440116;
1404412;SACC-M12MR-12SOL-PG 9-M SH;02;03;;;27440116;
1404411;SACC-M12FS-12SOL-PG 9-M SH;03;04;;;27440116;
1404413;SACC-M12FR-12SOL-PG 9-M SH;02;03;;;27440116;

Phoenix Contact Art.Nr.;Phoenix Contact Art.Bez.;Bemerkung

1508365	;SACC-M12FS-5CON-PG 9 SH AU;HW/FW alt: 03	HW/FW neu: 04
1411894	;SACC-M12FR-5CON-PG 9-SH ADH;HW/FW alt: 02	HW/FW neu: 03
1507777	;SACC-M12FSB-5CON-PG9 SH AU;HW/FW alt: 03	HW/FW neu: 04
1508352	;SACC-M12MS-5CON-PG 9 SH AU;HW/FW alt: 04	HW/FW neu: 05
1411893	;SACC-M12MR-5CON-PG 9-SH ADH;HW/FW alt: 02	HW/FW neu: 03
1507764	;SACC-M12MSB-5CON-PG9 SH AU;HW/FW alt: 04	HW/FW neu: 05
1404410	;SACC-M12MS-12SOL-PG 9-M SH;HW/FW alt: 03	HW/FW neu: 04
1404412	;SACC-M12MR-12SOL-PG 9-M SH;HW/FW alt: 02	HW/FW neu: 03
1404411	;SACC-M12FS-12SOL-PG 9-M SH;HW/FW alt: 03	HW/FW neu: 04
1404413	;SACC-M12FR-12SOL-PG 9-M SH;HW/FW alt: 02	HW/FW neu: 03

[illegible]

Kunde;Name 1;Name 2;Name 3;Name 4;Straße;PLZ;Stadt;Phoenix Contact Art.Nr.;Phoenix Contact Art.Bez.;Ihre |
49786 ;TTI

Materialnr.;Menge 2024 ST;Menge 2025 ST;Menge 2026 ST;AE 2026 ST
Inc.,,,;Ganghoferstraße 34;82216;Maisach;1507764;SACC-M12MSB-5CON-PG9 SH AU;PHX1507

'764;100 ST;100 ST;100 ST;100 ST