

Product change notification (PCN)

Title / short description	Change to 4- and 5-pos. shielded M12 connectors with screw connection
Affected article category	Connectors
Change category	Form and appearance
Change number	CBF220023-0
Reason for PCN/PDN Revision	

Purpose/objective of the change

Change to 4- and 5-pos. shielded M12 connectors with screw connection

Detailed description of the change

The 4- and 5-pos. shielded M12 connectors with screw connection have been redesigned. The metal components have been swapped out for turned parts. The external dimensions remain unchanged for the "straight" version. However, the external dimensions have changed for the "angled" version. The shielded connectors have an updated cable gland. In the new concept, the cable seal and the clamping cage are combined in a single module making it easier to assemble. The connectable external cable diameter remains unchanged. The approvals, such as UL, will also remain unchanged.

Identifying characteristics

See attachment

Start of Production (SOP)	-	Last Time Delivery (LTD)	-
Effective date (EOP)	2022-08-01	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

- CBF220023_SACC_M12 4,5_CON_SH.pptx
- Material_list.csv
- PCN-CBF220023-0 Änderung der 4- und 5-poligen geschirmten M12-Steckverbinder mit Schraubanschluss_DE
- PCN-CBF220023-0 Change to 4- and 5-pos. shielded M12 connectors with screw connection_EN

Material list

Item no.	Item Type	Hardware old	Firmware new	Item no.	Substitute item Type
1694318	SACC-M12FS-5CON-PG 9-SH	3	4		
1694266	SACC-M12MS-5CON-PG 9-SH	4	5		
1430433	SACC-M12FR-5CON-PG 9-SH	1	2		
1693830	SACC-M12MS-4CON-PG 7-SH	3	4		
1693416	SACC-M12MS-5CON-PG 7-SH	4	5		
1501540	SACC-M12MS-4CON-PG 9-SH	3	4		
1515170	SACC-M12FS-4CON-PG 9-SH	3	4		
1694295	SACC-M12FS-4CON-PG 7-SH	3	4		
1694305	SACC-M12FS-5CON-PG 7-SH	3	4		
1694282	SACC-M12MR-5CON-PG 9-SH	3	4		
1693429	SACC-M12MR-5CON-PG 7-SH	3	4		
1694279	SACC-M12MR-4CON-PG 7-SH	2	3		
1430417	SACC-M12MRB-5CON-PG 9-SH	2	3		
1430420	SACC-M12FRB-5CON-PG 9-SH	1	2		
1521261	SACC-M12MSD-4CON-PG 9-SH	3	4		
1521258	SACC-M12MSD-4CON-PG 7-SH	3	4		

Produktänderungsmitteilung (PCN)

Titel / kurze Beschreibung	Änderung der 4- und 5-poligen geschirmten M12-Steckverbinder mit Schraubanschluss
Betroffene Artikelkategorie	Steckverbinder
Änderungskategorie	Form und Erscheinung
Änderungsnummer	CBF220023-0
Grund der PCN/PDN Revisionierung	

Zweck/Ziel der Änderung

Änderung der 4- und 5-poligen geschirmten M12-Steckverbinder mit Schraubanschluss

Detailbeschreibung der Änderung

Bei den 4- und 5-poligen geschirmten M12-Steckverbindern mit Schraubanschluss wurde ein Redesign durchgeführt. Dabei wurden die Metallkomponenten in Drehteile geändert. Die Außenabmaße bleiben bei der Ausführung „gerade“ unverändert. Bei der Variante „gewinkelt“ ergeben sich andere Außenabmaße. Die geschirmten Steckverbinder weisen eine geänderte Kabelverschraubung auf. Bei dem neuen Konzept sind die Leitungsdichtung und der Klemmkorb in einer Baugruppe zusammengefasst und erleichtern so die Konfektionierung. Der anschließbare Leitungsaußendurchmesser bleibt dabei gleich. Ebenso sind die Zulassungen wie z. B. UL weiterhin vorhanden.

Identifizierende Merkmale

siehe Anhang

Beginn der Herstellung (SOP)	-	Letztmalige Lieferung (LTD)	-
Inkrafttreten der Änderung (EOP)	2022-08-01	Einstellung von Service (EOSR)	-
Einstellung des Vertriebs (EOS)	-		

Kurzfristige Änderung (< 6 Monate) oder Abkündigung (< 12 Monate), auf Grund von:

- | | | |
|---|--|--|
| ☐ Software / Firmware Bugfix | ☐ Kurzfristiger Lieferstopp durch den Lieferanten | ☐ Kurzfristiger Rückruf durch den Lieferanten |
| ☐ Höhere Gewalt | ☒ Produktverbesserung mit Kundennutzen | |
| ☐ Sonstiges | | |

Anlagen

- CBF220023_SACC_M12 4,5_CON_SH.pptx
- Material_list.csv
- PCN-CBF220023-0 Änderung der 4- und 5-poligen geschirmten M12-Steckverbinder mit Schraubanschluss_DE
- PCN-CBF220023-0 Change to 4- and 5-pos. shielded M12 connectors with screw connection_EN

Materialliste

Art.-Nr.	Artikel Typ	Revision/Versionscharge		Art.-Nr.	Ersatzartikel Typ
		alt	neu		
1694318	SACC-M12FS-5CON-PG 9-SH	3	4		
1694266	SACC-M12MS-5CON-PG 9-SH	4	5		
1430433	SACC-M12FR-5CON-PG 9-SH	1	2		
1693830	SACC-M12MS-4CON-PG 7-SH	3	4		
1693416	SACC-M12MS-5CON-PG 7-SH	4	5		
1501540	SACC-M12MS-4CON-PG 9-SH	3	4		
1515170	SACC-M12FS-4CON-PG 9-SH	3	4		
1694295	SACC-M12FS-4CON-PG 7-SH	3	4		
1694305	SACC-M12FS-5CON-PG 7-SH	3	4		
1694282	SACC-M12MR-5CON-PG 9-SH	3	4		
1693429	SACC-M12MR-5CON-PG 7-SH	3	4		
1694279	SACC-M12MR-4CON-PG 7-SH	2	3		
1430417	SACC-M12MRB-5CON-PG 9-SH	2	3		
1430420	SACC-M12FRB-5CON-PG 9-SH	1	2		
1521261	SACC-M12MSD-4CON-PG 9-SH	3	4		
1521258	SACC-M12MSD-4CON-PG 7-SH	3	4		

Item no.	Type	old	new	Substitute item	Replacement product designation	eCl@ss 11.0
1694318	SACC-M12FS-5CON-PG 9-SH	3	4			27440102
1694266	SACC-M12MS-5CON-PG 9-SH	4	5			27440102
1430433	SACC-M12FR-5CON-PG 9-SH	1	2			27440102
1693830	SACC-M12MS-4CON-PG 7-SH	3	4			27440102
1693416	SACC-M12MS-5CON-PG 7-SH	4	5			27440102
1501540	SACC-M12MS-4CON-PG 9-SH	3	4			27440102
1515170	SACC-M12FS-4CON-PG 9-SH	3	4			27440102
1694295	SACC-M12FS-4CON-PG 7-SH	3	4			27440102
1694305	SACC-M12FS-5CON-PG 7-SH	3	4			27440102
1694282	SACC-M12MR-5CON-PG 9-SH	3	4			27440102
1693429	SACC-M12MR-5CON-PG 7-SH	3	4			27440102
1694279	SACC-M12MR-4CON-PG 7-SH	2	3			27440102
1430417	SACC-M12MRB-5CON-PG 9-SH	2	3			27440102
1430420	SACC-M12FRB-5CON-PG 9-SH	1	2			27440102
1521261	SACC-M12MSD-4CON-PG 9-SH	3	4			27440102
1521258	SACC-M12MSD-4CON-PG 7-SH	3	4			27440102

Product change notification – CBF220023

SACC M12 4/5pol. Shielded connectors for assembly



General information - housing

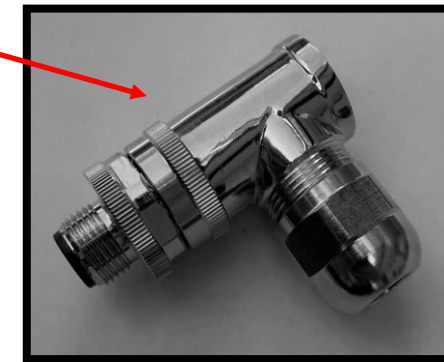
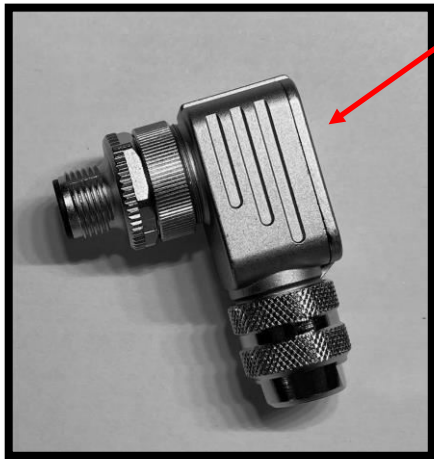
Old:



New:



- Metal housing components change from zinc die-cast to brass



Product change notification – CBF220023 – SACC M12 4/5pol. Shielded connectors for assembly

Stripping length – straight connectors

Old:



- Cable: 35 mm
- Shorten the shielded to 6 mm
- Strip the wire: 4 mm

New:



- Cable: 45 mm
- Shorten the shielded to 9 mm
- Strip the wire: 5 mm

Product change notification – CBF220023 – SACC M12 4/5pol. Shielded connectors for assembly

Stripping length – angled connectors

Old:



- Cable: 40 mm
- Shorten the shielded to 6 mm
- Strip the wire: 4 mm

New:

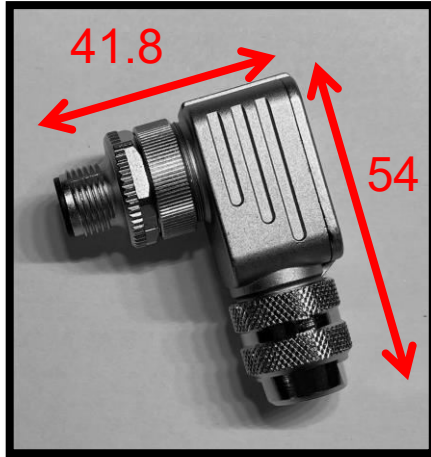


- Cable: 45 mm
- Shorten the shielded to 9 mm
- Strip the wire: 5 mm

Product change notification – CBF220023 – SACC M12 4/5pol. Shielded connectors for assembly

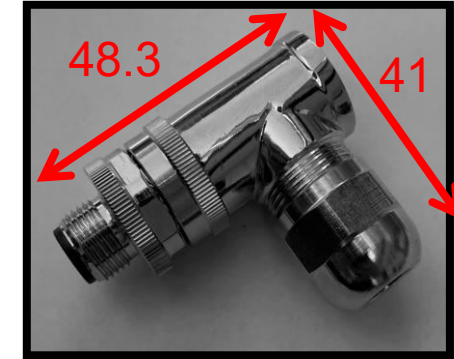
Dimensions –male connectors angled

Old:



*mm

New:



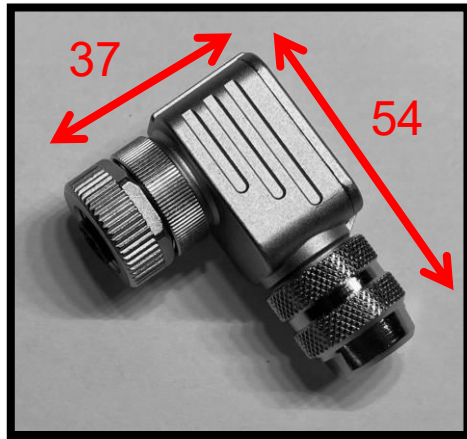
*mm

- Straight connectors have same dimensions as before

Product change notification – CBF220023 – SACC M12 4/5pol. Shielded connectors for assembly

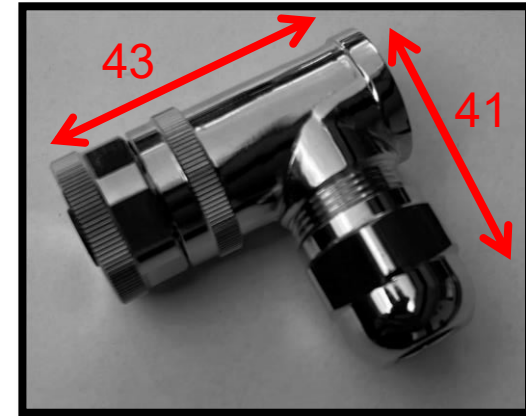
Dimensions – female connectors angled (only angled differs)

Old:



*mm

New:



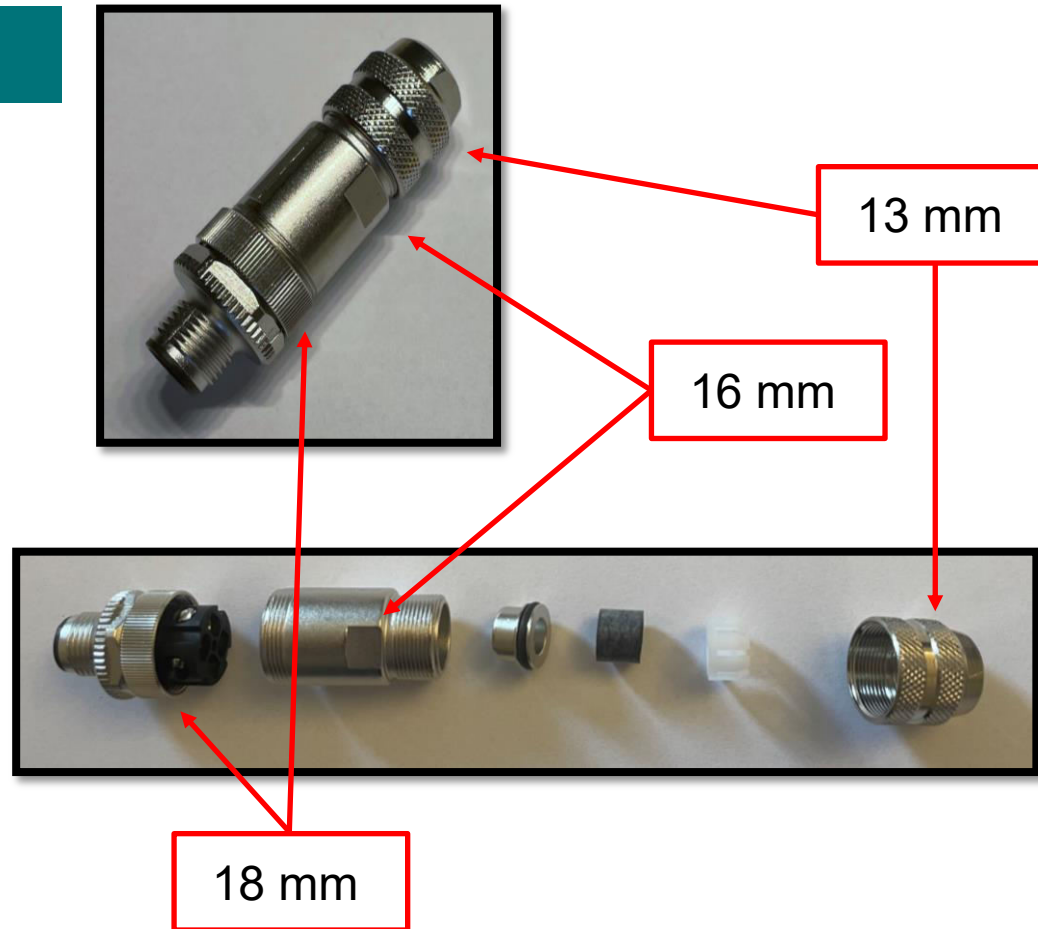
*mm

- Straight connectors have same dimensions as before

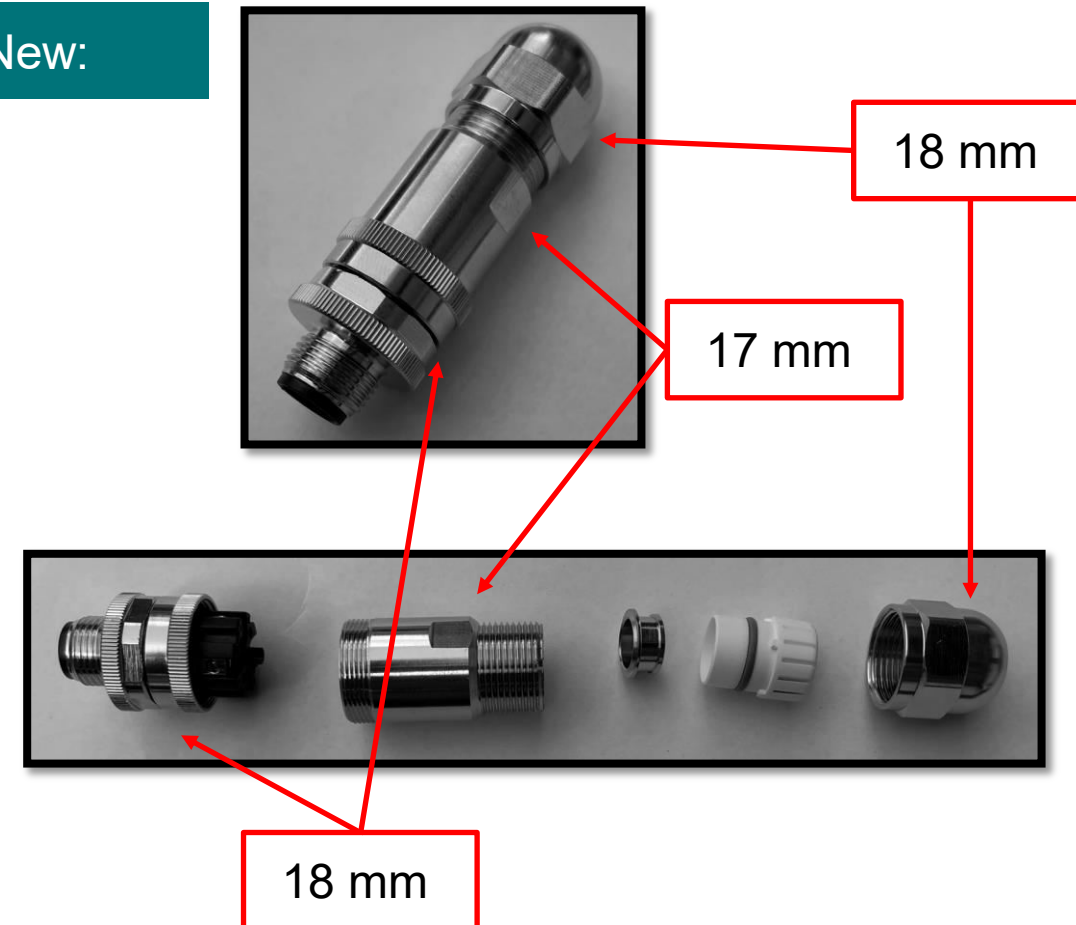
Product change notification – CBF220023 – SACC M12 4/5pol. Shielded connectors for assembly

Width flat – male connectors straight

Old:



New:



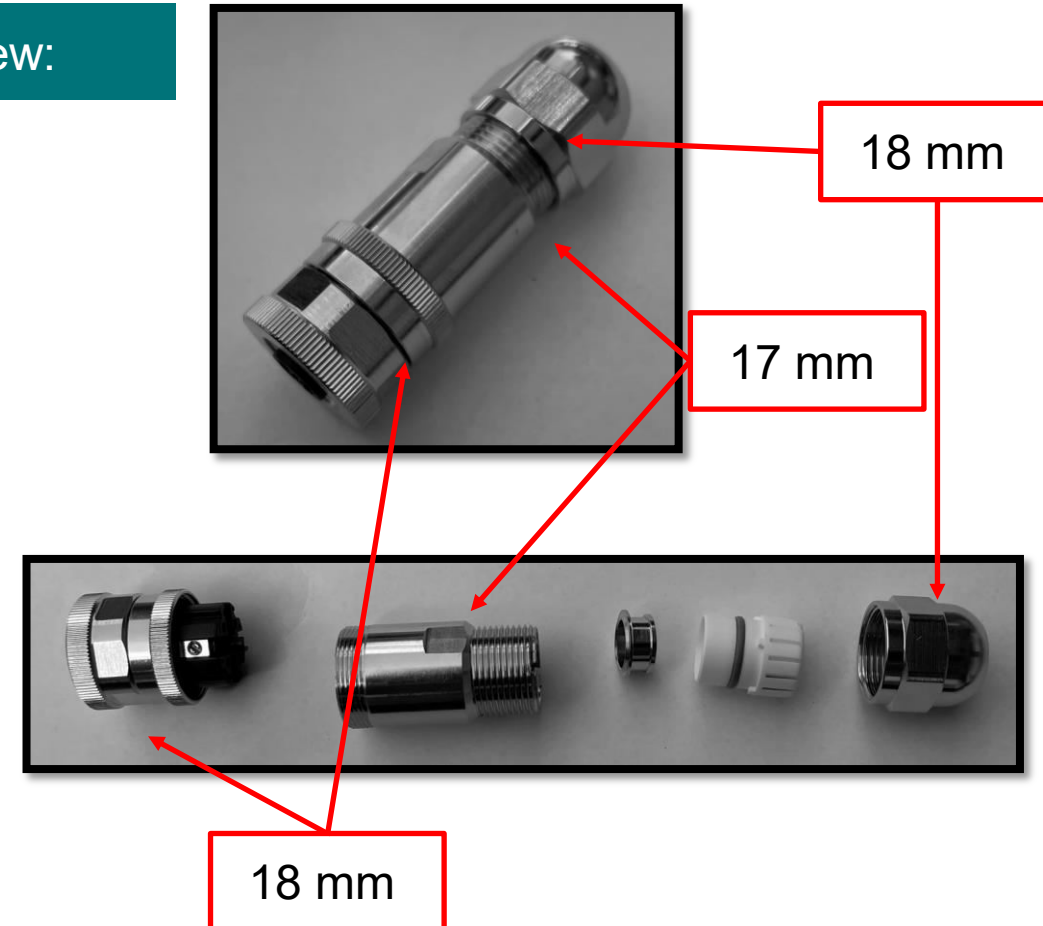
Product change notification – CBF220023 – SACC M12 4/5pol. Shielded connectors for assembly

Width flat – female connectors straight

Old:



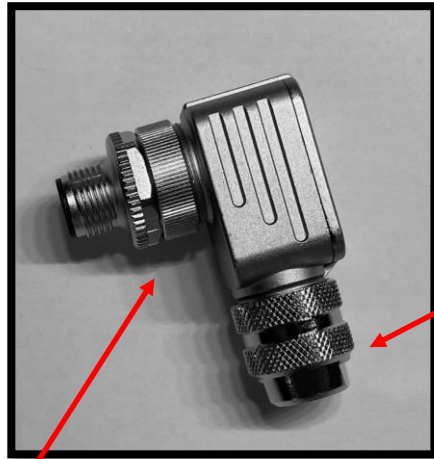
New:



Product change notification – CBF220023 – SACC M12 4/5pol. Shielded connectors for assembly

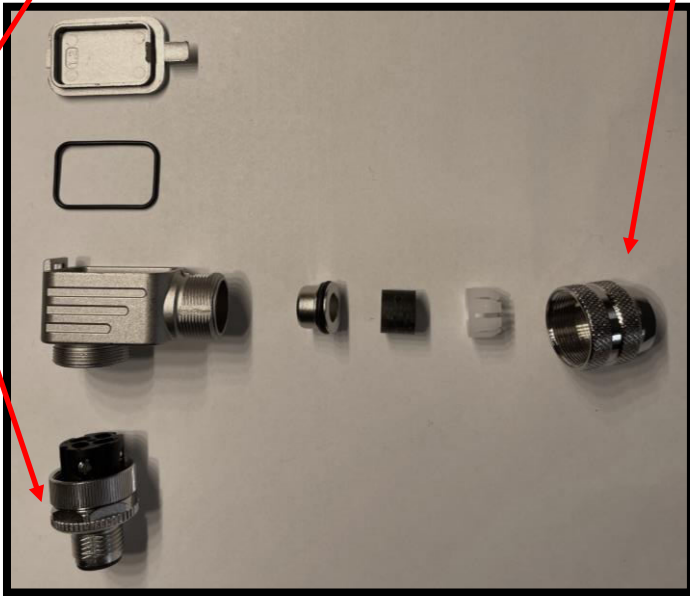
Width flat – male connectors angled

Old:

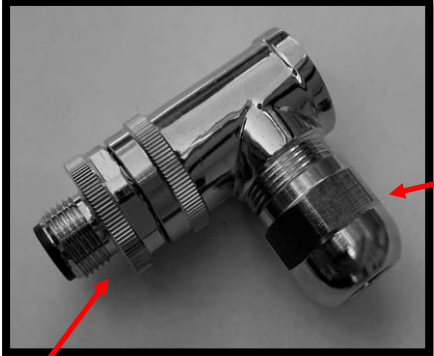


13 mm

18 mm

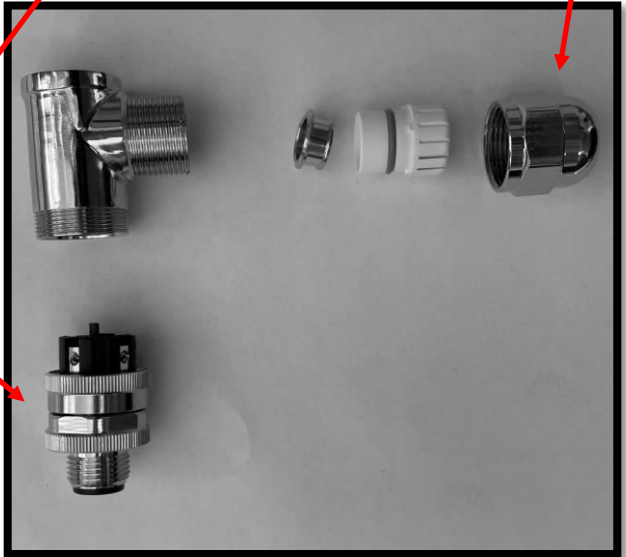


New:



18 mm

18 mm



Product change notification – CBF220023 – SACC M12 4/5pol. Shielded connectors for assembly

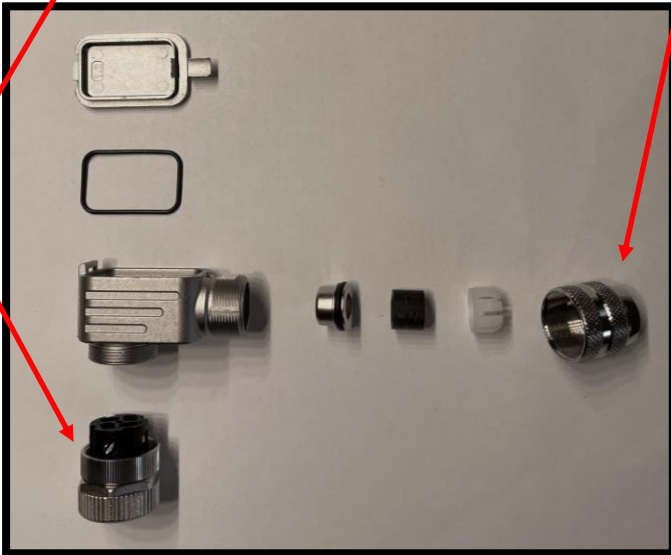
Width flat – female connectors angled

Old:

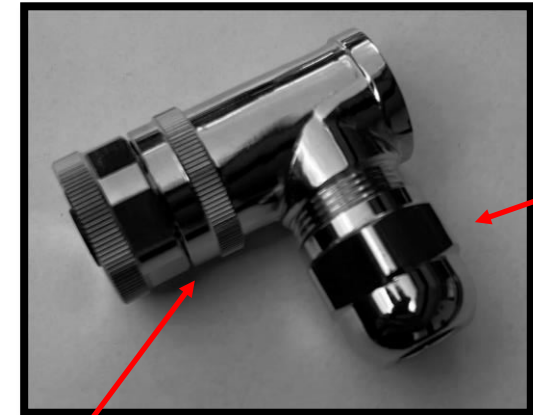


13 mm

18 mm

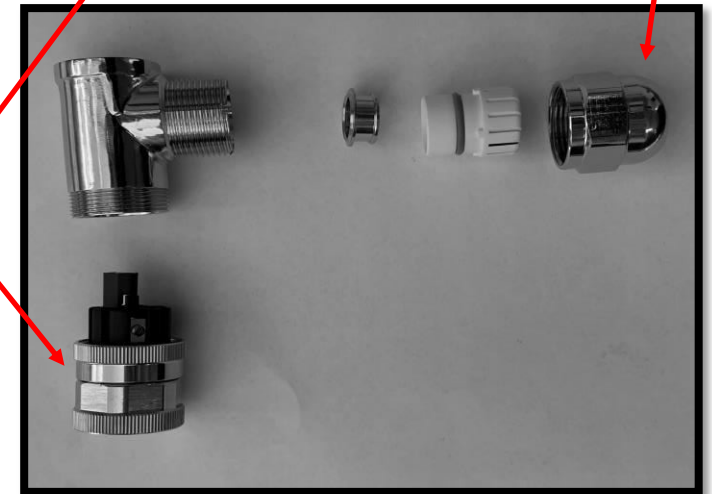


New:



18 mm

18 mm



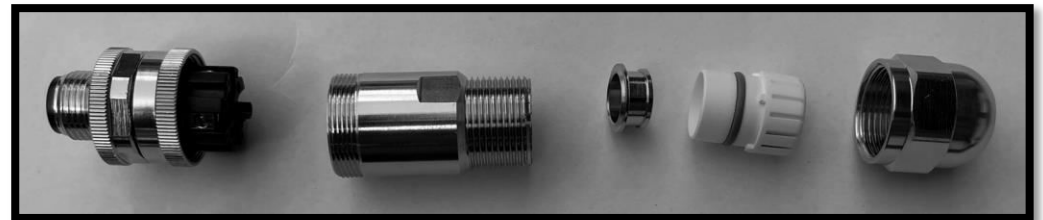
Product change notification – CBF220023 – SACC M12 4/5pol. Shielded connectors for assembly

Design - male connector straight

Old:



New:



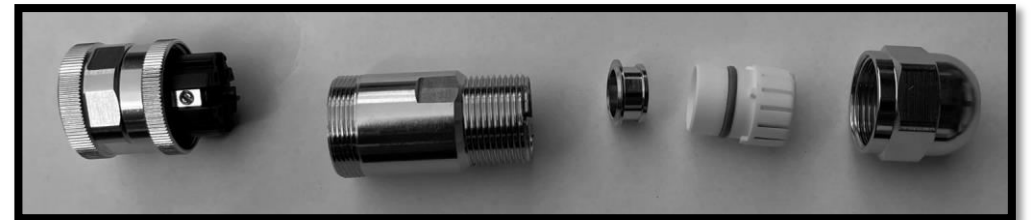
Product change notification – CBF220023 – SACC M12 4/5pol. Shielded connectors for assembly

Design - female connector straight

Old:



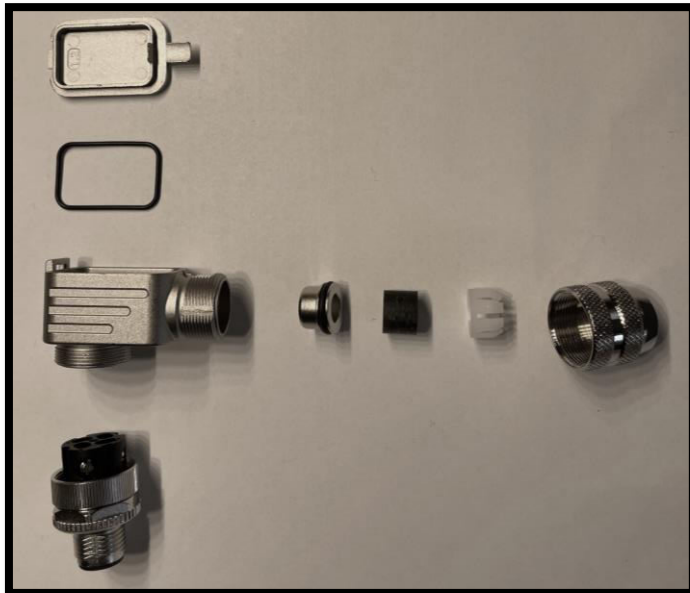
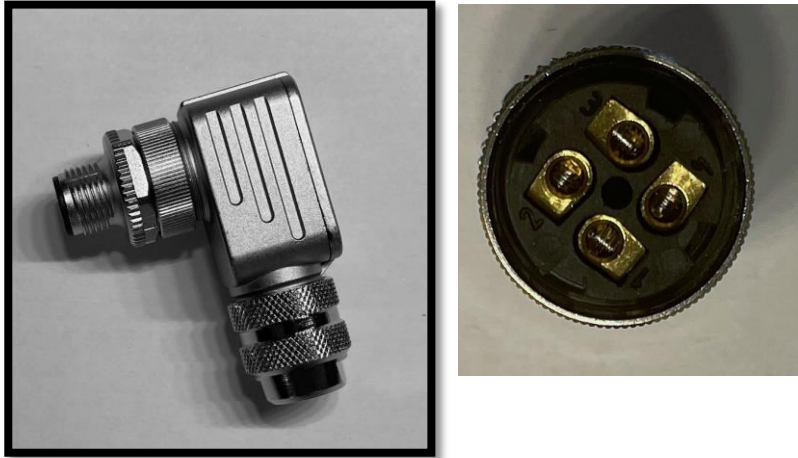
New:



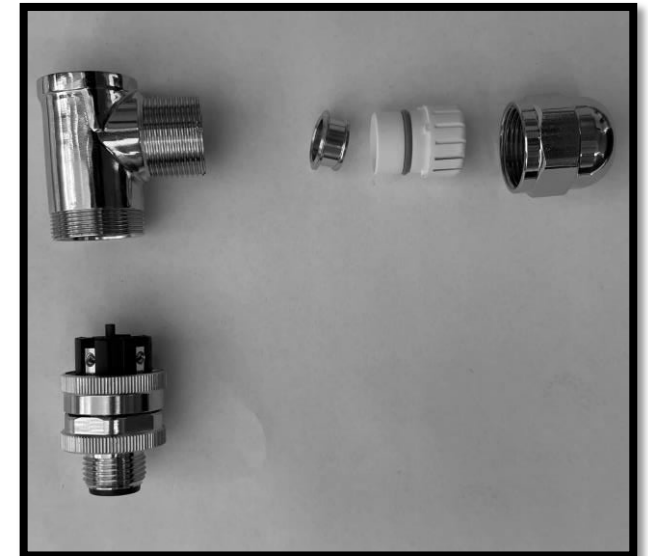
Product change notification – CBF220023 – SACC M12 4/5pol. Shielded connectors for assembly

Design - male connector angled

Old:



New:



Product change notification – CBF220023 – SACC M12 4/5pol. Shielded connectors for assembly

Design - female connector angled

Old:



New:

