

Product change notification (PCN)

Title / short description Change of M12 D-coded to Advanced Shielding Technology
Affected article category Sensor/actuator cabling
Change category Form and appearance
Change number CBF210015-00
Reason for PCN/PDN Revision

Purpose/objective of the change

Change of M12 D-coded to Advanced Shielding Technology

Detailed description of the change

The previously used crimp sleeves will be replaced by Advanced Shielding Technology. As a result, the overmold will be somewhat thinner and the product technically improved. Furthermore, the M12 SPEEDCON technology will be replaced by the M12 standard technology.

Identifying characteristics

See attachment

| | | | |
|----------------------------------|------------|---------------------------------|---|
| Start of Production (SOP) | - | Last Time Delivery (LTD) | - |
| Effective date (EOP) | 2022-03-01 | End of Service (EOSR) | - |
| End of Sales (EOS) | - | | |

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

- | | | |
|---|--|--|
| <input type="checkbox"/> Software / Firmware Bugfix | <input type="checkbox"/> Short-term delivery stop by supplier | <input type="checkbox"/> Short-term recall by supplier |
| <input type="checkbox"/> Force majeure | <input checked="" type="checkbox"/> Product improvement with customer benefits | |
| <input type="checkbox"/> Others | | |

Attachments

- PCN_CBF210015_EN.pdf
- Description_change_SCO_M12_D-coded.xlsx
- Material_list.csv
- PCN-CBF210015-00 Änderung M12 D-kodiert auf Advanced Shielding Technology_DE
- PCN-CBF210015-00 Change of M12 D-coded to Advanced Shielding Technology_EN

Material list

| Item | Item Type | Hardware / Firmware | | Item | Substitute item Type |
|---------|--------------------------------|---------------------|-----|------|----------------------|
| | | old | new | | |
| 1407526 | NBC-MSD/ 5,0-93B/MSD SCO | 03 | 04 | | |
| 1407501 | NBC-MSD/ 5,0-93B/R4AC SCO | 03 | 04 | | |
| 1407525 | NBC-MSD/ 2,0-93B/MSD SCO | 03 | 04 | | |
| 1407502 | NBC-MSD/10,0-93B/R4AC SCO | 03 | 04 | | |
| 1524381 | SAC-4P-M12MSD/ 5,0-933/M12MSD | 01 | 02 | | |
| 1524378 | SAC-4P-M12MSD/ 2,0-933/M12MSD | 01 | 02 | | |
| 1407500 | NBC-MSD/ 2,0-93B/R4AC SCO | 03 | 04 | | |
| 1407524 | NBC-MSD/ 1,0-93B/MSD SCO | 03 | 04 | | |
| 1407499 | NBC-MSD/ 1,0-93B/R4AC SCO | 03 | 04 | | |
| 1524394 | SAC-4P-M12MSD/10,0-933/M12MSD | 01 | 02 | | |
| 1524307 | SAC-4P-M12MSD/ 2,0-933 | 01 | 02 | | |
| 1401109 | SAC-4P-M12MSD/15-933/M12MSDAB | 03 | 04 | | |
| 1407527 | NBC-MSD/10,0-93B/MSD SCO | 03 | 04 | | |
| 1572799 | SAC-4P-M12MSD/7,0-933/M12MSDAB | 03 | 04 | | |
| 1080102 | NBC-MSD/20,0-93B/R4AC SCO | 01 | 02 | | |
| 1407498 | NBC-MSD/10,0-93B SCO | 03 | 04 | | |
| 1407497 | NBC-MSD/ 5,0-93B SCO | 03 | 04 | | |
| 1524365 | SAC-4P-M12MSD/ 1,0-933/M12MSD | 01 | 02 | | |
| 1407534 | NBC-FSD/ 5,0-93B/R4AC SCO | 02 | 03 | | |
| 1416741 | NBC-MRD/ 2,0-93C SCO | 00 | 01 | | |
| 1407555 | NBC-MSD/ 5,0-93B/FSD SCO | 03 | 04 | | |
| 1407532 | NBC-FSD/ 1,0-93B/R4AC SCO | 02 | 03 | | |
| 1407495 | NBC-MSD/ 1,0-93B SCO | 03 | 04 | | |
| 1524352 | SAC-4P-M12MSD/ 0,5-933/M12MSD | 01 | 02 | | |
| 1524404 | SAC-4P-M12MSD/15,0-933/M12MSD | 01 | 02 | | |
| 1421374 | NBC-MSD/ 3,0-93H/R4AC SCO HM | 02 | 03 | | |
| 1424763 | NBC-MSD/ 0,3-93B/MSD SCO | 00 | 01 | | |
| 1407554 | NBC-MSD/ 2,0-93B/FSD SCO | 03 | 04 | | |
| 1524349 | SAC-4P-M12MSD/ 0,3-933/M12MSD | 01 | 02 | | |
| 1576627 | SAC-4P-M12MSD/50,0-934 KA | 02 | 03 | | |
| 1422536 | NBC-MSD/ 5,0-93C/R4AC X2X | 01 | 02 | | |
| 1407556 | NBC-MSD/10,0-93B/FSD SCO | 03 | 04 | | |
| 1424088 | NBC-MSD/30,0-93B SCO | 01 | 02 | | |
| 1408354 | NBC-M12MRD/10,0-93B/M12MRD SKS | 00 | 01 | | |
| 1407496 | NBC-MSD/ 2,0-93B SCO | 03 | 04 | | |
| 1407553 | NBC-MSD/ 1,0-93B/FSD SCO | 03 | 04 | | |
| 1424089 | NBC-MSD/20,0-93B SCO | 01 | 02 | | |

| Item | Item Type | Hardware / Firmware | | Item | Substitute item Type |
|---------|-------------------------------|---------------------|-----|------|----------------------|
| | | old | new | | |
| 1524310 | SAC-4P-M12MSD/ 5,0-933 | 01 | 02 | | |
| 1524336 | SAC-4P-M12MSD/15,0-933 | 01 | 02 | | |
| 1407529 | NBC- 2,0-93B/FSD SCO | 02 | 03 | | |
| 1139345 | NBC-M12MSD/5,0-93B/MSD TA | 01 | 02 | | |
| 1038750 | NBC-M12FSD/1,0-93C/R4AC | 00 | 01 | | |
| 1407533 | NBC-FSD/ 2,0-93B/R4AC SCO | 02 | 03 | | |
| 1407535 | NBC-FSD/10,0-93B/R4AC SCO | 02 | 03 | | |
| 1038749 | NBC-M12MSD/5,0-93C/M12MSD | 00 | 01 | | |
| 1038730 | NBC-M12MSD/10,0-93C/R4AC | 00 | 01 | | |
| 1038731 | NBC-M12MSD/5,0-93C/R4AC | 00 | 01 | | |
| 1038740 | NBC-M12FSD/2,0-93C/R4AC | 00 | 01 | | |
| 1038761 | NBC-M12MSD/1,0-93C/M12FSD | 01 | 02 | | |
| 1424087 | NBC-MSD/40,0-93B SCO | 01 | 02 | | |
| 1403996 | SAC-4P-M12MSD/22,1-933/MSDAB | 03 | 04 | | |
| 1403995 | SAC-4P-M12MSD/30,1-933/MSDAB | 03 | 04 | | |
| 1413528 | NBC-M12MSD/10-93B/M12MSD N-GR | 00 | 01 | | |
| 1038732 | NBC-M12MSD/2,0-93C/R4AC | 00 | 01 | | |
| 1038733 | NBC-M12MSD/1,0-93C/R4AC | 00 | 01 | | |
| 1416743 | NBC-MRD/ 5,0-93C SCO | 00 | 01 | | |
| 1524323 | SAC-4P-M12MSD/10,0-933 | 01 | 02 | | |
| 1038738 | NBC-M12MSD/2,0-93C/M12MSD | 00 | 01 | | |
| 1407530 | NBC- 5,0-93B/FSD SCO | 02 | 03 | | |
| 1416744 | NBC-MRD/10,0-93C SCO | 00 | 01 | | |
| 1425276 | NBC-MSD/ 0,2-93B/MSD SCO | 01 | 02 | | |
| 1407508 | NBC-MSD/ 1,0-93B/R4ACR SCO | 02 | 03 | | |
| 1047645 | NBC-MSD/25,0-93B/MSD SCO | 01 | 02 | | |
| 1416746 | NBC-MRD/ 2,0-93C/MRD SCO | 00 | 01 | | |
| 1038729 | NBC-M12MSD/1,0-93C/M12MSD | 00 | 01 | | |
| 1407546 | NBC-FSD/ 5,0-93B/R4RC SCO | 01 | 02 | | |
| 1038739 | NBC-M12MSD/10,0-93C/M12MSD | 00 | 01 | | |
| 1407516 | NBC-MSD/ 1,0-93B/R4RC SCO | 02 | 03 | | |
| 1139329 | NBC-M12MSD/10,0-93B/R4AC TA | 00 | 01 | | |
| 1407509 | NBC-MSD/ 2,0-93B/R4ACR SCO | 02 | 03 | | |
| 1573400 | SAC-4P-M12FSD/ 0,2-933/M12FSD | 00 | 01 | | |
| 1139304 | NBC-M12MSD/15,0-93B/R4AC TA | 00 | 01 | | |
| 1408353 | NBC-M12MRD/5,0-93B/M12MRD SKS | 00 | 01 | | |
| 1422224 | NBC-MSD/15,0-93B/MSD AB | 02 | 03 | | |
| 1047642 | NBC-MSD/15,0-93B/MSD SCO | 01 | 02 | | |
| 1407531 | NBC-10,0-93B/FSD SCO | 02 | 03 | | |

| Item | Item Type | Hardware / Firmware | | Item | Substitute item Type |
|---------|-------------------------------|---------------------|-----|------|----------------------|
| | | old | new | | |
| 1421306 | NBC-MRD/30,0-93B/R4AQ SCO SKS | 01 | 02 | | |
| 1038747 | NBC-M12MSD/2,0-93C | 00 | 01 | | |
| 1038737 | NBC-M12MSD/5,0-93C | 00 | 01 | | |
| 1015059 | NBC-MSD/50,0-93B/MSD SCO | 01 | 02 | | |
| 1047647 | NBC-MSD/45,0-93B/MSD SCO | 01 | 02 | | |
| 1105802 | NBC-MRD/50,0-93C/R4AC SCO | 01 | 02 | | |
| 1038735 | NBC-M12MSD/10,0-93C | 00 | 01 | | |
| 1416750 | NBC-MRD/ 2,0-93C/FSD SCO | 00 | 01 | | |
| 1407528 | NBC- 1,0-93B/FSD SCO | 02 | 03 | | |
| 1422226 | NBC-MSD/30,0-93B/MSD AB | 02 | 03 | | |
| 1422225 | NBC-MSD/22,0-93B/MSD AB | 02 | 03 | | |
| 1421732 | NBC-MSD/ 7,0-93B/MSD AB | 02 | 03 | | |
| 1105761 | NBC-MRD/100,0-93C/R4AC SCO | 01 | 02 | | |
| 1105806 | NBC-MRD/10,0-93C/R4AC SCO | 01 | 02 | | |
| 1416749 | NBC-MRD/ 5,0-93C/MRD SCO | 00 | 01 | | |
| 1407517 | NBC-MSD/ 2,0-93B/R4RC SCO | 02 | 03 | | |
| 1179027 | NBC-MSD/60,0-93B SCO | 01 | 02 | | |
| 1407522 | NBC-MSD/ 5,0-93B/R4QC SCO | 02 | 03 | | |
| 1038762 | NBC-M12MSD/2,0-93C/M12FSD | 01 | 02 | | |
| 1416751 | NBC-MRD/ 5,0-93C/FSD SCO | 00 | 01 | | |
| 1038745 | NBC-M12FSD/5,0-93C/R4AC | 00 | 01 | | |
| 1553954 | SAC-4P-M12MSD/10,0-933/M12FSD | 00 | 01 | | |
| 1567966 | SAC-4P-M12MSD/20,0-933/M12FSD | 00 | 01 | | |
| 1038760 | NBC-M12FSD/10,0-93C/R4AC | 00 | 01 | | |
| 1553941 | SAC-4P-M12MSD/ 5,0-933/M12FSD | 00 | 01 | | |
| 1407551 | NBC-FSD/ 5,0-93B/R4QC SCO | 01 | 02 | | |
| 1418260 | NBC-MSD/60,0-93B/MSD SCO | 01 | 02 | | |
| 1407536 | NBC-FSD/ 1,0-93B/R4ACR SCO | 01 | 02 | | |
| 1105804 | NBC-MRD/30,0-93C/R4AC SCO | 01 | 02 | | |
| 1407510 | NBC-MSD/ 5,0-93B/R4ACR SCO | 02 | 03 | | |
| 1038763 | NBC-M12MSD/5,0-93C/M12FSD | 01 | 02 | | |
| 1038764 | NBC-M12MSD/10,0-93C/M12FSD | 01 | 02 | | |
| 1224778 | NBC-M12MSD/90,0-93B/M12MSD | 00 | 01 | | |
| 1407511 | NBC-MSD/10,0-93B/R4ACR SCO | 02 | 03 | | |
| 1407539 | NBC-FSD/10,0-93B/R4ACR SCO | 01 | 02 | | |
| 1056589 | NBC-MSD/50,0-93B SCO | 01 | 02 | | |
| 1038746 | NBC-M12MSD/1,0-93C | 00 | 01 | | |
| 1553938 | SAC-4P-M12MSD/ 2,0-933/M12FSD | 00 | 01 | | |
| 1424764 | NBC-MSD/ 0,6-93B/MSD SCO | 00 | 01 | | |

| Item | Item Type | Hardware / Firmware | | Item | Substitute item Type |
|---------|-------------------------------|---------------------|-----|------|----------------------|
| | | old | new | | |
| 1407519 | NBC-MSD/10,0-93B/R4RC SCO | 02 | 03 | | |
| 1418258 | NBC-MSD/80,0-93B/MSD SCO | 01 | 02 | | |
| 1418259 | NBC-MSD/70,0-93B/MSD SCO | 01 | 02 | | |
| 1080037 | NBC-M12MSD/55,0-93B/M12MSD | 00 | 01 | | |
| 1080053 | NBC-M12MSD/85,0-93B/M12MSD | 00 | 01 | | |
| 1080058 | NBC-M12MSD/95,0-93B/M12MSD | 00 | 01 | | |
| 1408349 | NBC-M12MRD/2,0-93B/M12MRD SKS | 00 | 01 | | |
| 1407518 | NBC-MSD/ 5,0-93B/R4RC SCO | 02 | 03 | | |
| 1407520 | NBC-MSD/ 1,0-93B/R4QC SCO | 02 | 03 | | |
| 1576261 | SAC-4P-M12FSD/ 1,0-934/M12FSD | 01 | 02 | | |
| 1425455 | NBC-MSD/53,0-93C | 00 | 01 | | |
| 1080083 | NBC-MSD/3,0-93C/MSD SCO | 01 | 02 | | |
| 1153761 | NBC-MSD/50,0-93C/R4AC SCO | 01 | 02 | | |
| 1407521 | NBC-MSD/ 2,0-93B/R4QC SCO | 02 | 03 | | |
| 1407523 | NBC-MSD/10,0-93B/R4QC SCO | 02 | 03 | | |
| 1091666 | NBC-MRD/5,0-93B SCO US-NUM A | 01 | 02 | | |
| 1091667 | NBC-MRD/5,0-93B SCO US-NUM | 01 | 02 | | |
| 1407544 | NBC-FSD/ 1,0-93B/R4RC SCO | 01 | 02 | | |
| 1407548 | NBC-FSD/ 1,0-93B/R4QC SCO | 01 | 02 | | |
| 1407549 | NBC-FSD/ 2,0-93B/R4QC SCO | 01 | 02 | | |
| 1407552 | NBC-FSD/10,0-93B/R4QC SCO | 01 | 02 | | |
| 1407538 | NBC-FSD/ 5,0-93B/R4ACR SCO | 01 | 02 | | |
| 1407537 | NBC-FSD/ 2,0-93B/R4ACR SCO | 01 | 02 | | |
| 1407545 | NBC-FSD/ 2,0-93B/R4RC SCO | 01 | 02 | | |
| 1407547 | NBC-FSD/10,0-93B/R4RC SCO | 01 | 02 | | |
| 1153688 | NBC-MSD/100,0-93C/R4AC SCO | 01 | 02 | | |
| 1153782 | NBC-MSD/30,0-93C/R4AC SCO | 01 | 02 | | |
| 1403496 | VS-M12MS-IP20-93B-LI/3,0 | 00 | 01 | | |
| 1448852 | VS-M12MRDS-OE-93B/5,0 SKS | 00 | 01 | | |
| 1448771 | VS-M12MSDS-OE-93B/10,0 SKS | 01 | 02 | | |
| 1448742 | VS-M12MSDS-IP20-93B/10,0 SKS | 01 | 02 | | |
| 1448739 | VS-M12MSDS-IP20-93B/5,0 SKS | 01 | 02 | | |
| 1448823 | VS-M12MRDS-IP20-93B/5,0 SKS | 00 | 01 | | |
| 1448865 | VS-M12MRDS-OE-93B/10,0 SKS | 00 | 01 | | |
| 1448768 | VS-M12MSDS-OE-93B/5,0 SKS | 01 | 02 | | |
| 1402134 | VS-M12MSD-OE-93C/15,0 KA | 02 | 03 | | |
| 1448810 | VS-M12MRDS-IP20-93B/2,0 SKS | 00 | 01 | | |
| 1448836 | VS-M12MRDS-IP20-93B/10,0 SKS | 00 | 01 | | |
| 1404397 | VS-M12MS-IP20-93C-LI/2,0 WL | 02 | 03 | | |

| Item | Item Type | Hardware / Firmware | | Item | Substitute item Type |
|---------|--------------------------------|---------------------|-----|------|----------------------|
| | | old | new | | |
| 1448878 | VS-M12MRDS-OE-93B/25,0 SKS | 00 | 01 | | |
| 1448726 | VS-M12MSDS-IP20-93B/2,0 SKS | 01 | 02 | | |
| 1448690 | VS-M12MSDS-M12MSDS-93B/2,0 SKS | 01 | 02 | | |
| 1448713 | VS-M12MSDS-M12MSDS-93B/10 SKS | 01 | 02 | | |
| 1416188 | VS-M12MS-IP20-93C-LI/2,0 | 00 | 01 | | |
| 1404398 | VS-M12MS-IP20-93C-LI/10,0 WL | 02 | 03 | | |
| 1416197 | VS-OE-M12MS-93C-LI/2,0 | 00 | 01 | | |
| 1416200 | VS-M12MS-M12MS-93C-LI/2,0 | 00 | 01 | | |
| 1404382 | VS-M12MSD-IP20-93C/0,57 SKR-TS | 00 | 01 | | |
| 1448849 | VS-M12MRDS-OE-93B/2,0 SKS | 00 | 01 | | |
| 1448797 | VS-M12MRDS-M12MSDS-93B/5,0 SKS | 01 | 02 | | |
| 1448700 | VS-M12MSDS-M12MSDS-93B/5,0 SKS | 01 | 02 | | |
| 1402577 | VS-M12MSD-OE-93C/5,0 KA | 02 | 03 | | |
| 1416204 | VS-PPC/ME-M12MS-93C-LI/5,0 | 01 | 02 | | |
| 1404305 | VS-MSD-MSD-93B-LI/5,0 | 00 | 01 | | |
| 1404306 | VS-MSD-MSD-93B-LI/3,0 | 00 | 01 | | |
| 1404307 | VS-MSD-MSD-93B-LI/20,0 | 00 | 01 | | |
| 1404309 | VS-MSD-MSD-93B-LI/10,0 | 00 | 01 | | |
| 1448807 | VS-M12MRDS-M12MSDS-93B/10 SKS | 01 | 02 | | |
| 1448755 | VS-M12MSDS-OE-93B/2,0 SKS | 01 | 02 | | |