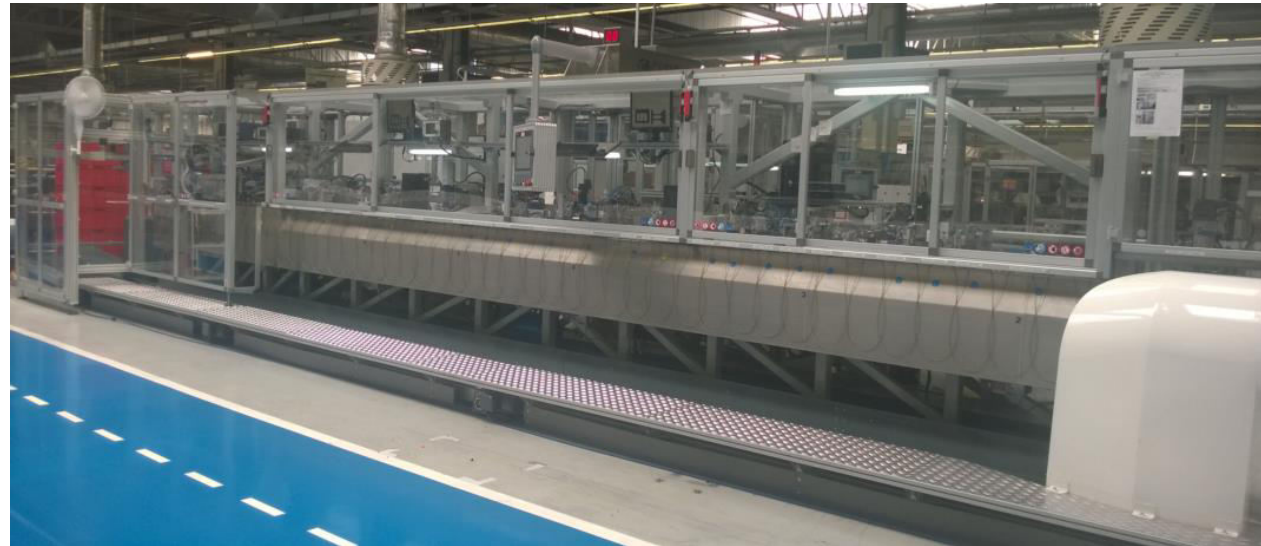
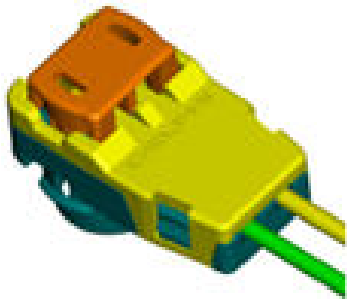


31/July/2026

Project number: **GPO-O/25426**

Project name: **CAPACITY EXTENSION FOR ABX5-90 (FOB90)
AUTO ASSEMBLY LINE (CMAP143)**



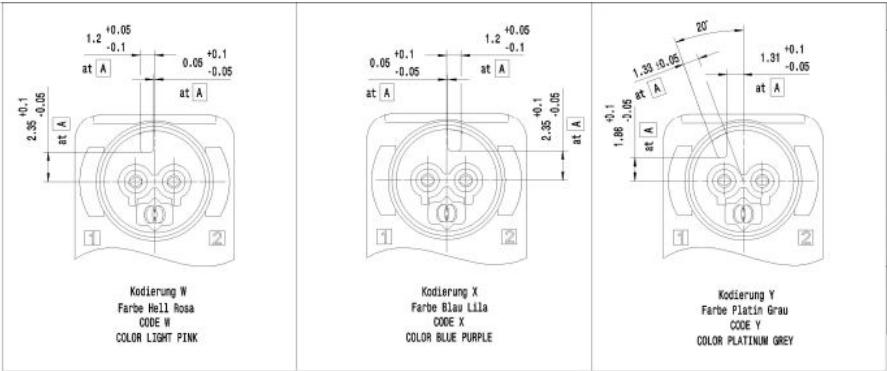
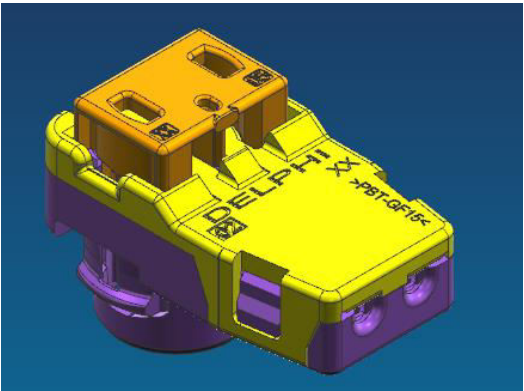
Capacity extension CMAP 143 - ABX5-90 (FOB90)

Background information

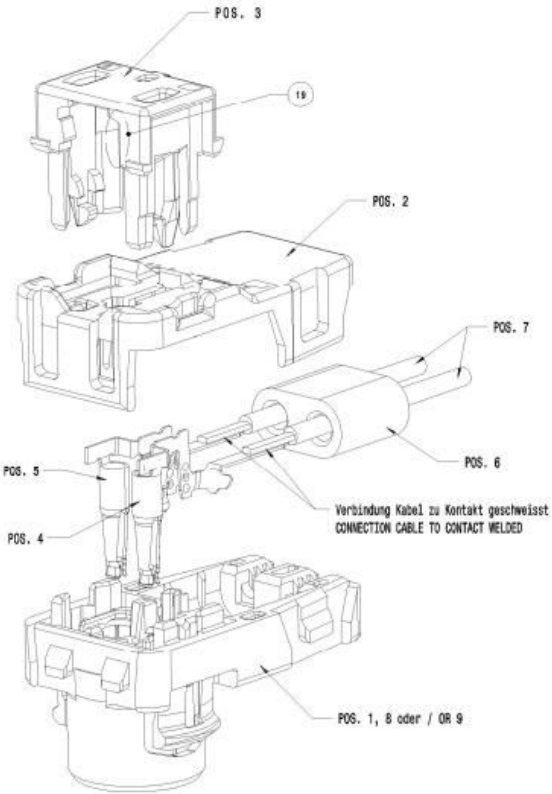
- ❑ Capacity extension for growing customer demand on ABX5-90 (FOB90) 2W connector family
- ❑ Main OEM is VW
- ❑ Additional CMAP Full automated assembly line (CMAP 143) must be implemented

Affected product – ABX5-90 (FOB90)

Connector drawing number:



3	4N0.972.562.B	33112680	31.08.2017	Y	FLRY 2x0.35 according LV112 / 122 Siehe Tech. Daten 6.2 SEE SPECIFICATION 6.2
2	4N0.972.562.A	33112672	31.08.2017	X	
1	4N0.972.562	33112664	31.08.2017	W	
Posten Item	AUDI/VW Teilenummer COMPONENT NUMBER	APTIV Teilenummer COMPONENT NUMBER	BMG	Kodierung CODING	Kabel Cable



Validation plan

Process validation test APTIV

- ☐ Welding test
- ☐ Capability study for welding: cross section, peel force, pulltest
- ☐ Capability study for cable length
- ☐ Camera and sensor control test
- ☐ PV test by APTIV Krakow

Implementation timing plan

❑ OEM approval submission

→ Q2/2026

- Approval expected → Q2/2026

❑ PPAP submission

→ Q3/2026

- Approval Expected → Q3-Q4/2026

❑ SOP

→ Q3-Q4/2026

Customer PPAP documentation

- OEM approval
- Manufacturing process validation and capability test performed by APTIV Tatabánya
- IMDS for affected part numbers
- PV test report cover sheet

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- SALES Account Manager
- Application Engineer
- Quality Engineering Leader / Tatabánya
- Manufacturing Engineer Flow4
- Project Engineer / Tatabánya
- Customer Service Leader