

## Technical change to passive M12 distribution boxes with M23 outlet

Dear Madam or Sir,

the products out of the range of passive M12 distribution boxes with M23 outlet will be changed after a transitional period.

Please pass on this Product Change Notification (PCN) to your employees and, if applicable, to your customers.

### 1. General overview

Type of change: ☒ **short-term** (executed within the next 6 months)  
☐ **normal** (executed after 6 months)

#### Short-term action due to:

- |   |  |
|---|--|
| <input type="checkbox"/> Software or firmware bugfix    | <input type="checkbox"/> Delivery stop by supplier |
| <input type="checkbox"/> Short-term recall by supplier  | <input type="checkbox"/> Force majeure             |
| <input checked="" type="checkbox"/> Product improvement | <input type="checkbox"/> other                     |

#### Short-term action due to:

- Implementation of the future quick-connection for M23 connectors.
- Changeover of products to lead-free components
- Changeover of housing colour and potting
- Removal of the enclosed protective caps and markers.
- Change of designation to new designation key.

### 2. General information

Within the IEC 61076-2-117 standard, a quick connection is being introduced for the M23 connector. In order to be able to reproduce this contour, the incoming M23 connector within the distribution boxes must be replaced. As part of the standardisation of the product portfolio and the delivery packaging of passive M12 distribution boxes, lead-containing components are being replaced by lead-free versions, the housing colour and moulding are being changed, and a new designation key analogous to the M8 distribution boxes is being introduced.

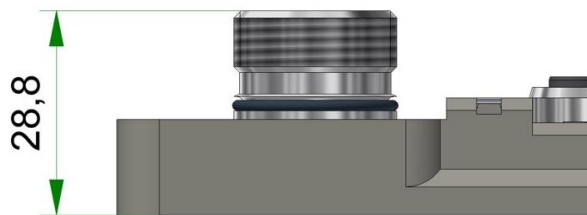
### 3. Change details

In order to accommodate the new quick connection in combination with a standard screw connection in an M23 connector, a larger connector must be used. The height of the distributor is therefore increased by 6.35 mm from 28.8 to 35.15 mm at the collective outlet (see following illustration). As the RoHS 6c exemption expires, lead-containing components such as threaded sleeves and contacts are being replaced by lead-free variants. The rear cover plate is also being eliminated due to a change in the potting process. For this reason, slight indentations may appear on the rear side of the potting. However, these have no influence on the technical properties. The product information that was on the cover plate will be printed on an adhesive label on the rear. The gray housing (RAL 7035) will be changed to black plastic (RAL 9004). The colors of the contact carrier will be changed to match

the housing change. The new designation key has more product specifications and makes it easier to compare products. Previously, protective caps and markers were included with the distributors. For sustainability reasons, these will be removed from the scope of delivery with the changeover and can be ordered separately as accessories as needed. All other technical specifications remain unchanged. Products with UL approval remain valid without restriction.

## Old Version

## New Version



**Picture 1:** Height of the M23 Outlet



**Picture 2:** Height of the M23 Outlet



**Picture 3:** old Gray Colorconcept



**Picture 4:** new Black Colorconcept

## 4. Affected parts

Articlenumber	Old Designation	New Designation
9456000000	SAI-4-S 4P M12	SAI-04D-VP3V-4A-M12L-PNP
9456010000	SAI-6-S 4P M12	SAI-06D-VP3V-4A-M12L-PNP
9456010001	SAI-6-S 5P M12	SAI-06D-VP3V-5A-M12L-PNP
9456020000	SAI-8-S 4P M12	SAI-08D-VP3V-4A-M12L-PNP
1795470000	SAI-8-S 5P M12	SAI-08D-VP3V-4A-M12L-PNP
2694040000	SAI-4-S 8P M12	SAI-04D-VP3V-8A-M12O-OL1

## 5. Timeline

The changeover within production will take place from **Q2 2026**. Due to inventory levels, mixed stocks may occur in deliveries.

We hope that the changes will benefit your business and will not affect you in any significant way. We apologise in case of any inconvenience caused. Please rest assured that we will do everything possible to achieve this product change as smoothly as possible with minimum or no business disruption.

We are very sorry for all the inconveniences caused and doing everything to adjust this product change as smooth as possible without big influence on delivery times and general functions.

For further questions please contact your sales office directly. All contacts for sales representatives are available here: <https://www.weidmueller.com/contact>

Details of this and any other product changes can also be found in our Support Center by following the link: <https://support.weidmueller.com/support-center/popular-resources/product-change-notifications>

Best regards

Product Management

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