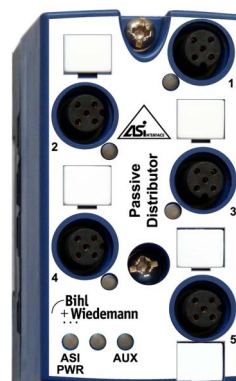


Passive distributor ASi/24 V to M12

2 x ASi profile cable

2 x AUX profile cable

5 x ASi/AUX to M12 sockets



| | |
|--|--|
| Article no. | BWU2820 |
| Connection | |
| Profile cable, piercing technology | 2 x ASi and 2 x AUX |
| M12 sockets | 5 x AS-/AUX |
| Operating voltage | ≤ 35V |
| Operating current | profile cable, piercing technology: ≤ 8A M12 sockets: ≤ 4A |
| UL-specifications (UL508) | |
| External protection | An isolated source with a secondary open circuit voltage of ≤ 30V _{DC} with a 3A maximum over current protection. Over current protection is not required when a Class 2 source is employed. |
| Display | |
| LED ASI PWR (green) | ASi voltage on |
| LED AUX (green) | AUX voltage on |
| Environment | |
| Applied standards | EN 61 000-6-2 EN 61 000-6-3 |
| It can be used with a switched AUX cable, which is passively safe up to SIL3/PLe | no ⁽¹⁾) |
| Operating altitude | max. 2000 m |
| Ambient operating temperature | -30 °C ... +70 °C |
| Storage temperature | -30 °C ... +85 °C |
| Protection category (EN 60529) | IP67 |
| Allowed shock and vibration stress | ≤15 g, T≥11 ms 10 ... 55 Hz, 0,5 mm amplitude |
| Voltage of insulation | ≥500 V |
| Dimensions (W / H / D) in mm | 45 / 80 / 42 |

⁽¹⁾ The passiv distributor is not suitable for use in paths with a passively safe-switched AUX cable, since an exclusion of errors cannot be assumed for the connection of the two ASi and AUX potentials.
If the passiv distributor is supplied from an unswitched AUX cable, this has no influence on the safety consideration for the paths with passively safe-switched AUX cable. In an ASi circuit, paths supplied from a passively safe-switched AUX cable and paths supplied from unswitched AUX potential can be used together.

| Connections | | | | | | |
|---|----------------|----------------|-------|-------|-------|------|
| Article no. | M12 connection | Pin1 | Pin2 | Pin3 | Pin4 | Pin5 |
| BWU2820 | X1 | ASi + | AUX - | ASi - | AUX + | nc |
| | X2 | | | | | |
| | X3 | | | | | |
| | X4 | | | | | |
| | X5 | | | | | |
| Lateral Label | | | | | | |
| <div style="border: 1px solid black; padding: 5px;"> <p>5 X M12</p> <p>max 4A</p> </div> | | <p>max 8 A</p> | | | | |
| | | | | | | |

Accessories:

- Universal protection cap ASi-5/ASi-3 for M12 sockets, IP67 (article no. BW4056)
- ASi substructure module for 4-channel module in 45 mm-housing (art. no. BW2349)
- ASi substructure module (CNOMO) 4-channel module in 45 mm-housing (art. no. BW2350)