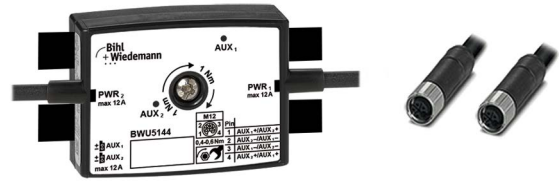


## Passive distributor AUX

### Connection for 2 x AUX profile cables

- to 2 x M12 power cable socket, straight, L-coded



(figure similar)



Figure	Type	Flat design, montage in cable duct possible <sup>(1)</sup>	Internal fuse <sup>(2)</sup>	Profile cable connection	Connection <sup>(3)</sup>	Round cable <sup>(4)</sup>	Special function	Protection category	Article no.
	IP67, 25 mm deep	yes, 25 mm deep	no	2 x AUX (galvanically isolated)	2 x M12 power cable socket, straight, L-coded, 4 poles	0.3 m	–	IP67	<b>BWU5144</b>

(1) **Flat design, installation in cable duct possible**

Modules with a flat housing design and with cables which exit the sides make these ideal for installation in cable ducts, cable channels, cable troughs, cable rails or cable trays. Please note the respective housing depth for your particular installation.

(2) **Internal fuse**

**1 A, self-resetting:** The internal protection is realized via self-resetting 1 A fuses for AUX. At each connection ≤1 A are available.

**4 A slow-blow fuse:** The internal protection is realized via 4 A slow-blow fuses for AUX U<sub>S</sub> and AUX U<sub>P</sub>. At each connection ≤4 A are available.

**8 A slow-blow fuse:** The internal protection is realized via 8 A slow-blow fuses for AUX. At each connection ≤8 A are available.

**No:** Without internal fuse - external line protection may be required.

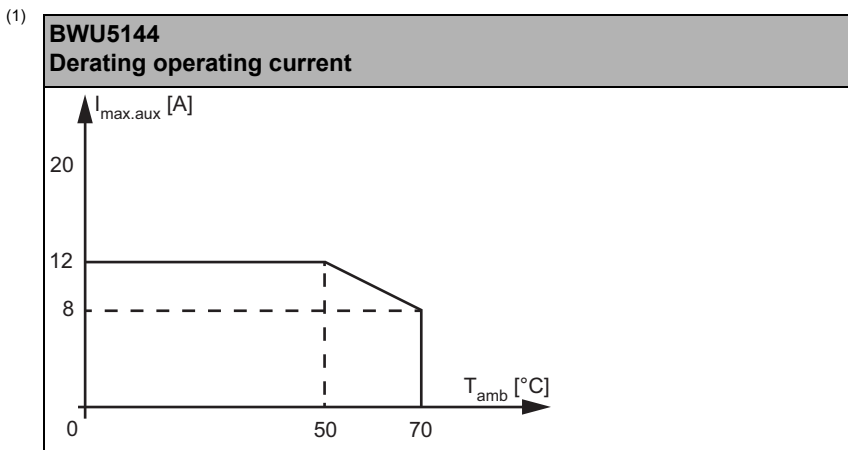
(3) **Connection:** further connection options are available on request.

(4) **Cable:** other cable lengths are available on request.

Article No.		BWU5144
<b>Connection</b>		
Profile cable connection	2 x AUX (galvanically isolated) profile cable and piercing technology	
Connection	2 x M12 power cable socket, straight, L-coded, 4 poles	
Round cable	0.3 m	
	max. allowed tensile strain 10 N	
Operating voltage	AUX <sub>1</sub> : 24 V <sub>DC</sub> (10 ... 32 V <sub>DC</sub> ) PELV AUX <sub>2</sub> : 24 V <sub>DC</sub> (10 ... 32 V <sub>DC</sub> ) PELV	
Operating current	up to +50 °C	AUX <sub>1</sub> max. 12 A <sup>(1)</sup> AUX <sub>2</sub> max. 12 A <sup>(2)</sup> Σ (AUX <sub>1</sub> /AUX <sub>2</sub> ) 12 A per M12 connection
	at +70 °C	AUX <sub>1</sub> max. 8 A <sup>(2)</sup> AUX <sub>2</sub> max. 8 A <sup>(2)</sup> Σ (AUX <sub>1</sub> /AUX <sub>2</sub> ) 8 A per M12 connection
Internal fuse	no	
<b>Display</b>		
LED AUX <sub>1</sub> (green)	on: AUX voltage at profile cable AUX <sub>1</sub> O.K.	
LED AUX <sub>2</sub> (green)	on: AUX voltage at profile cable AUX <sub>2</sub> O.K.	

# Passive distributor AUX, IP67

<b>Article No.</b>	<b>BWU5144</b>
<b>Environment</b>	
Applied standards	EN 60529 EN 61000-6-2 EN 61000-6-3
It can be used with a switched AUX cable, which is passively safe up to SIL3/PLe	no <sup>(2)</sup>
Operating altitude	max. 2000 m
Ambient temperature	-30 °C ... +70 °C <sup>(1)</sup>
Storage temperature	-25 °C ... +85 °C
Housing	plastic, for screw mounting, suitable for cable ducts (depth ≥25 mm)
Pollution Degree	2
Protection category	IP67
Maximum tolerable shock and vibration stress	≤15g, T≤11 ms 10 ... 55 Hz, 0,5 mm amplitude
Insulation voltage	≥500 V
Weight	75 g
Dimensions (W / H / D) in mm	60 / 45 / 25



(2) 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 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: M12 power cable socket, L-coded					
Article No.	M12 connection	Pin1	Pin2	Pin3	Pin4
BWU5144	X1	AUX <sub>1</sub> +	AUX <sub>2</sub> -	AUX <sub>1</sub> -	AUX <sub>2</sub> +
	X2	AUX <sub>2</sub> +	AUX <sub>1</sub> -	AUX <sub>2</sub> -	AUX <sub>1</sub> +

### Accessories:

- Sealing profile IP67 (IDC plug), 60 mm (article no. BW3282)
- ASi profile cable (black) for additional auxiliary power, wire section 1,5 mm<sup>2</sup> (art. no. BW1980, BW2757)
- ASi profile cable (black) for additional auxiliary power, wire section 2,5 mm<sup>2</sup> (art. no. BW3169)