

Passive Distributor AUX

Connection for 2 x AUX profile cables

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



(figure similar)



Figure	Type	Flat design, montage in cable duct possible ⁽¹⁾	Internal fuse ⁽²⁾	Profile cable connection	Connection ⁽³⁾	Round cable ⁽⁴⁾	Special function	Protection category	Article no.
	IP67, 25 mm deep	yes, 25 mm deep	no	2 x AUX (galvanically isolated)	1 x M12 power cable socket, straight, L-coded, 4 poles	1 m	–	IP67	BWU4912

(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_S and AUX U_P. 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

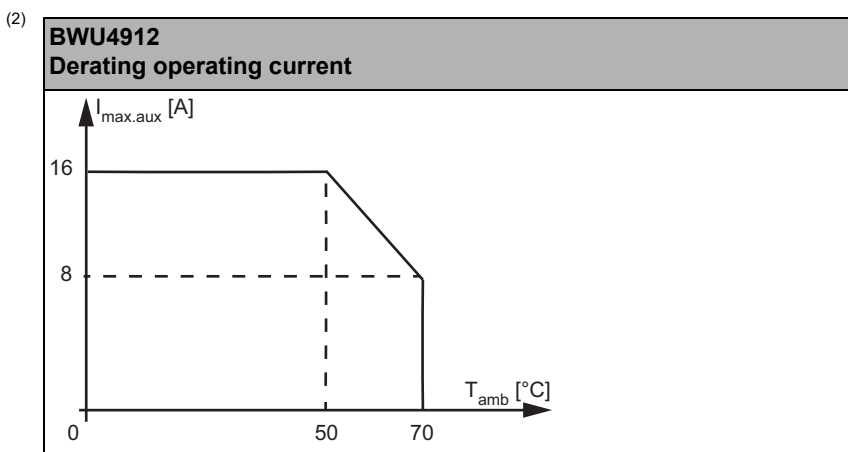
(3) **Connection:** further connection options are available on request.

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

Article No.		BWU4912
Connection		
Profile cable connection	2 x AUX (galvanically isolated) profile cable and piercing technology	
Connection	M12 power cable socket, straight, L-coded, 4 poles	
Round cable	1 m max. allowed tensile strain 10 N	
Operating voltage	AUX _{24 V} : 24 V _{DC} (10 ... 32 V _{DC}) PELV AUX _{48 V} : 48 V _{DC} (33 ... 52 V _{DC}) PELV ⁽¹⁾	
Operating current	up to +50 °C	AUX _{24 V} max. 16 A ⁽²⁾ AUX _{48 V} max. 16 A ⁽²⁾ Σ (AUX _{24 V} /AUX _{48 V}) 16 A per M12 connection
	at +70 °C	AUX _{24 V} max. 8 A ⁽²⁾ AUX _{48 V} max. 8 A ⁽²⁾ Σ (AUX _{24 V} /AUX _{48 V}) 8 A per M12 connection
Internal fuse	no	
Display		
LED AUX _{24V} (green)	on: AUX voltage at profile cable AUX _{24V} O.K.	
LED AUX _{48V} (green)	on: AUX voltage at profile cable AUX _{48V} O.K.	

Article No.	BWU4912
Environment	
Applied standards	EN 60529 EN 61000-6-2 EN 61000-6-3
Operating altitude	max. 2000 m
Ambient temperature	-30 °C ... +70 °C
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

	Notice
	48 V _{DC} must not be connected to: device with 24 V _{DC} operating voltage (see data sheet of the manufacturer) the ASi connection of the device the ASi gateway



Connections: M12 power cable socket, L-coded					
Article No.	M12 connection	Pin1	Pin2	Pin3	Pin4
BWU4912	X1	AUX _{24V+}	AUX _{48V-}	AUX _{24V-}	AUX _{48V+}

Accessories:

- Sealing profile IP67 (IDC plug), 60 mm (article no. BW3282)
- ASi profile cable (black) for additional auxiliary power, wire section 1,5 mm² (art. no. BW1980, BW2757)
- ASi profile cable (black) for additional auxiliary power, wire section 2,5 mm² (art. no. BW3169)
- AUX 48 V profile cable, EPDM, gray, 2 wires, 2,5 mm², 100 m (art. no. BW4243)