

Passive Distributor AUX

Connection for

- 1 x M12 cable plug, straight, 4 poles
- 1 x AUX profile cable

To generate a safety-switched branch for 24 V AUX on profile cable in combination with an electronic safe output in IP67



(figure similar)

M12 wiring suitable for the safe outputs of e.g. BWU4379

optimized for load currents up to 6 A



Figure	Type	Flat design, montage in cable duct possible ⁽¹⁾	Internal fuse	Profile cable connection	Connection ⁽²⁾	Round cable ⁽³⁾	Special function	Protection category	Article no.
	IP67, 19 mm deep	yes, 19 mm deep	-	1 x AUX	1 x M12 cable plug, straight, straight, 4 poles	0,3 m	for switching loads ≤6 A	IP67	BW4922

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

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

Article No.	BW4922
Connection	
Profile cable connection	1x AUX profile cable and piercing technology
Connection	1 x M12 cable plug, straight
Round cable	0,3 m max. allowed tensile strain 10 N
Operating voltage	10 ... 32 V _{DC} PELV
Operating current	≤6 A
Internal fuse	-

Article No.	BW4922
Environment	
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	yes (1)
Operating altitude	max. 2000 m
Ambient temperature	-30 °C ... +70 °C (2)
Storage temperature	-25 °C ... +85 °C
Housing	plastic, for screw mounting, suitable for cable ducts (depth ≥19 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 / 19

(1) The passive distributor is suitable for use in passively safe paths as it has no connection to another potential.

(2) Down to -25 °C with flexibly mounted cable, -30 °C only with fixed mounted cable.

Connections: M12 cable plug, straight						
Art. no.	M12 connection	Pin1 (BN)	Pin2 (WH)	Pin3 (BU)	Pin4 (BK)	
BW4922	X1	AUX _{IN} + (1)	AUX _{IN} - (2)	AUX _{IN} -	AUX _{IN} + (1)	
	Application example					

(1) Pin1 and Pin4 internally bridged.

(2) Pin2 and Pin3 internally bridged.

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)