Passive Distributor AUX, IP67

Bihl+Wiedemann

Passive Distributor AUX

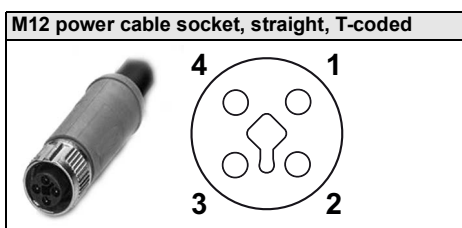### Connection for 1 x AUX profile cable to M12 power cable socket, straight, T-coded

(figure similar)

CE

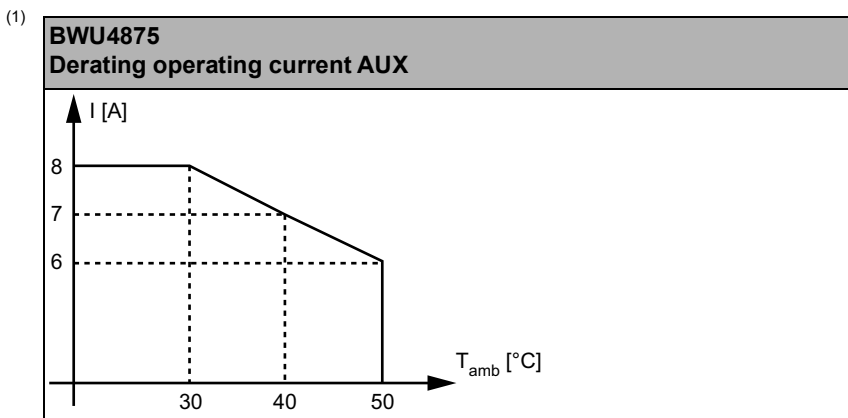| Figure	Type	Flat design, montage in cable duct possible [1]	Internal fuse [2]	Profile cable connection	Connection [3]	Round cable [4]	Special function	Protection category	Article no.
	IP67, 25 mm deep	yes, 25 mm deep	8 A slow-blow fuse	1 x AUX	1 x M12 power cable socket, straight, T-coded, 4 poles	1 m	–	IP67	**BWU4875**

[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.

[3] **Connection**: further connection options are available on request.

M12 power cable socket, straight, T-coded

[4] **Cable:** other cable lengths are available on request.
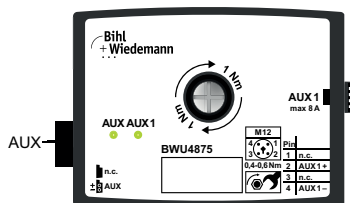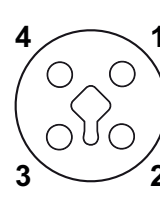
Article No.	BWU4875	
Connection		
Profile cable connection	1x AUX profile cable and piercing technology	
Connection	M12 power cable socket, straight, T-coded, 4 poles	
Round cable	1 m max. allowed tensile strain 10 N	
Operating voltage	10 ... 32 V_{DC} PELV	
Operating current	up to +30 °C	≤8 A per M12 connection [1]
	at +40 °C	≤7 A per M12 connection [1]
	at +50 °C	≤6 A per M12 connection [1]
Internal fuse	1 x 8 A slow-blow fuse for AUX	
Display		
LED AUX1 (green)	on: AUX voltage at M12 connection 1 O.K.	
LED AUX (green)	on: AUX voltage at profile cable O.K.	

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Article No.	BWU4875				
Environment					
Applied standards	EN 60529 EN 61000-6-2 EN 61000-6-3				
Operating altitude	max. 2000 m				
Ambient temperature	-30 °C … +50 °C [1] [2]				
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				

[1]

BWU4875
Derating operating current AUX

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

Connections: M12 power cable socket, T-coded						
Article No.	**M12 connection**	**Pin1 (BN)**	**Pin2 (WH)**	**Pin3 (BU)**	**Pin4 (BK)**	
BWU4875	X1	n.c.	AUX+	n.c.	AUX-	

Accessories:

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