

## ASi Passive Distributor

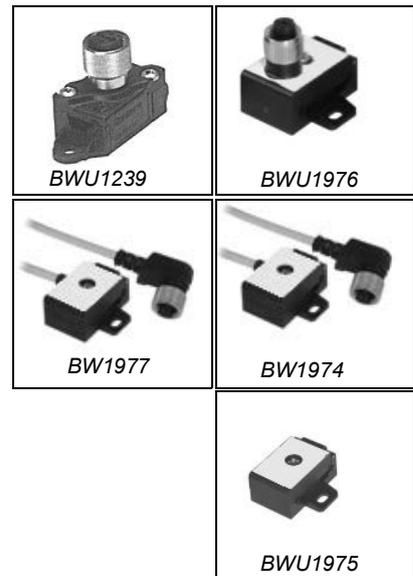
- compact design
- simple and fast mounting

### BW1974, BWU1976, BW1977, BWU1975:

- immunity to vibration
- fixing component with captive screw
- gold plated contacts
- housing made of fiber optics-reinforced plastic
- reverse polarity protected and yellow marking for AS-i flat cable

### Oil and abrasion resistant PUR line (BW1974, BW1977)

appropriate for conveyor chains



**Article no. BWU1239: Passive Distributor ASi to M12**

**Article no. BWU1976: Passive Distributor ASi/24 V to M12**

**Article no. BWU1975: Passive Distributor ASi flat cable branch**

**Article no. BW1977: Passive Distributor ASi to M12, 2 m line**

**Article no. BW1974: Passive Distributor ASi/24 V to M12, 2 m line**

ASi Passive Distributors are characterized by a compact design. They offer a cost-effective, space-saving, fast and variable pos-

sibility to install many initiators or actuators on narrowest room in the type of protection IP67.

Technical data	BWU1239	BWU1976	BWU1975
Plug-and-socket connection	socket M12 x 1 (V1)		–
Flat cable terminals	1 x ASi	1 x ASi/1 x U <sub>AUX</sub>	2 x ASi
	insulation penetration technology		
Rated operational voltage	≤ 35 V PELV ( AS-i, U <sub>AUX</sub> )		
Rated operational current	≤ 2 A	≤ 4 A	≤ 8 A
Can be used in passively safe paths up to SIL3/PLe	yes <sup>1</sup>	no <sup>2</sup>	yes <sup>3</sup>
Ambient operating temperature	-25 ... 75 °C		
Storage temperature	-25 ... 85 °C		
Protection degree	IP67		
Dimensions (W / H / D in mm)	20 / 50 / 30	36/ 40 / 40	40 / 36 / 19
Tightening torque, fixing screws	0,8 Nm		
Diagram			
<b>UL-specifications (UL61010-1 and UL61010-2-201)</b>			
External protection	An isolated source with a secondary open circuit voltage of ≤30 V <sub>DC</sub> with a 3 A maximum over current protection. Over current protection is not required when a Class 2 source is employed.		

<sup>1</sup> The passive distributor is suitable for use in passive safe paths as it has no connection to an AUX potential.

- 2 The passive distributor is not suitable for use in passively safe paths because an exclusion of errors cannot be assumed for the connection of the two potentials, ASi and AUX.
- 3 The passive distributor is suitable for use in passive safe paths as it has no connection to an AUX potential.

Technical data	BW1977	BW1974
Plug-and-socket connection	plug M12 x 1 (V1), angled	
Flat cable terminals	1 ASi	1 x ASi/1 x U <sub>AUX</sub>
	insulation penetration technology	
Rated operational voltage	≤ 35 V PELV ( ASi, U <sub>AUX</sub> )	
Rated operational current	≤ 4 A	
Can be used in passively safe paths up to SIL3/PLe	yes <sup>1</sup>	no <sup>2</sup>
Ambient operating temperature	-25 ... 75 °C	
Storage temperature	-25 ... 85 °C	
Protection degree	IP67	
Connector	PUR, black	
Cable	PUR, halogen-free	
Sheath diameter	Ø 4,8 mm	
Color	gray	
Cores	2 x 0,34 mm <sup>2</sup>	4 x 0,34 mm <sup>2</sup>
Length	2 m	
Dimensions (W / H / D in mm)	36 / 40 / 19	
Tightening torque, fixing screws	0,8 Nm	
Diagram		

- 1 The passive distributor is suitable for use in passive safe paths as it has no connection to an AUX potential.
- 2 The passive distributor is not suitable for use in passively safe paths because an exclusion of errors cannot be assumed for the connection of the two potentials, ASi and AUX.