

AS-i Passive Distributor

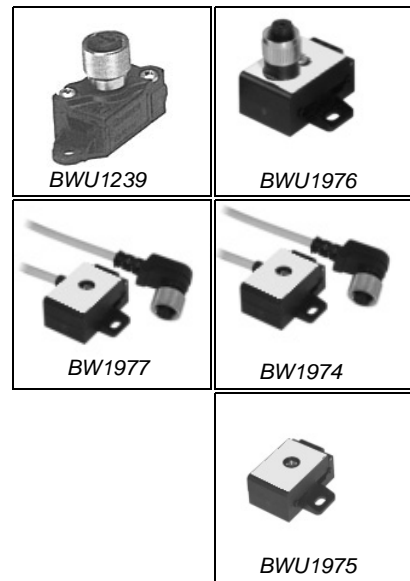
- compact design
- simple and fast mounting

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 AS-i to M12

Article no. BWU1976: Passive Distributor AS-i/24 V to M12

Article no. BWU1975: Passive Distributor AS-i flat cable branch

Article no. BW1977: Passive Distributor AS-i to M12, 2 m line

Article no. BW1974: Passive Distributor AS-i/24 V to M12, 2 m line

AS-i Passive Distributors are characterized by a compact design. They offer a cost-effective, space-saving, fast and variable possibility to install many initiators or actuators on narrow-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 AS-i	1 x AS-i/1 x U _{AUX}	2 x AS-i
	insulation penetration technology		
Rated operational voltage	≤ 35 V PELV (AS-i, U _{AUX})		
Rated operational current	≤ 2 A	≤ 4 A	≤ 8 A
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			
UL-specifications (UL61010-1 and UL61010-2-201)			
External protection	An isolated source with a secondary open circuit voltage of ≤30 V _{DC} with a 3 A maximum over current protection. Over current protection is not required when a Class 2 source is employed.		

Technical data	BW1977	BW1974
Plug-and-socket connection	plug M12 x 1 (V1), angled	
Flat cable terminals	1 AS-i	1 x AS-i/1 x U _{AUX}
	insulation penetration technology	
Rated operational voltage	≤ 35 V PELV (AS-i, U _{AUX})	
Rated operational current	≤ 4 A	
Ambient operating temperature	-25 ... 75 °C	
Storage temperature	-25 ... 85 °C	
Protection degree	IP67	
Connector	PUR, black	
Cable	PUR, halogen-free	
Sheath diameter	∅ 4,8 mm	
Color	gray	
Cores	2 x 0,34 mm ²	4 x 0,34 mm ²
Length	2 m	
Dimensions (W / H / D in mm)	36 / 40 / 19	
Tightening torque, fixing screws	0,8 Nm	
Diagram	<p>AS-i+ 1 BN 3 BU AS-i</p>	<p>AS-i+ 1 BN 4 BK U_{AUX}+ 2 WH U_{AUX}- 3 BU AS-i</p>