

D-Sub cable adapter for AS-i Speed Monitor



(figure similar)

The adapter is designed to be plugged-in between frequency inverter and feedback cable. All pins are wired 1:1.

The connection cable for the speed monitor is located at the side of the adapter

The cable shielding is connected to the D-Sub plug, the Mini-I/O plug or RJ-45 plug.

D-Sub to RJ45

Article no.	BW3308	BW3424	BW3511
Plug type	D-Sub		
Pole connector	15, in 2 row	15, in 3 rows	9, in 2 rows
Pole socket	15, in 2 row	15, in 3 rows	9, in 2 rows
Pin Sin	2	1	7
Pin $\overline{\text{Sin}}$	10	2	2
Pin Cos	1	3	8
Pin $\overline{\text{Cos}}$	9	4	3
U _b	15	7	5
GND	8	6	4
Output AS-i Speed Monitor	Connection cable RJ-45 plug		
Length of connector cable	2,5 m, shielded cable		
Suitable e.g. for	SEW Hiperface® Interface	Rockwell KINETIX5700 Rockwell KINETIX6000	Jetter motors

D-Sub to Mini-I/O

Article no.	BW2740	BW3113	BW3046
Plug type	D-Sub		
Pole connector	15, in 2 rows	13, in 2 rows (15 pole D-Sub plug without pin 8 and pin 10)	
Pole socket	15, in 2 rows		
Pin Sin	3		
Pin $\overline{\text{Sin}}$	11		
Pin Cos	1		
Pin $\overline{\text{Cos}}$	9		
GND	2		
Output AS-i Speed Monitor	Connection cable with AMP Mini-I/O plug		
Length of connector cable	1,5 m, shielded cable	2,5 m, shielded cable	1,5 m, shielded cable
Suitable e.g. for	B+R Acopos EnDat® Interface	B+R Acopos Hiperface® Interface	

Further pin assignments available on request.

Pin assignment of RJ45 plug

Cross section	Pin	Name	
	1	U_b	U_b
	2	GND	GND
	3	RS485 - A	RS485 - A
	4	sin	B
	5	$\overline{\text{sin}}$	\overline{B}
	6	RS485 - B	RS485 - B
	7	cos	A
	8	$\overline{\text{cos}}$	\overline{A}

Pin assignment of Mini IO plug

Cross section	Pin	Name	
	1	$\overline{\text{sin}}$	\overline{B}
	2	sin	B
	3	n.c.	n.c.
	4	n.c.	n.c.
	5	cos	A
	6	$\overline{\text{cos}}$	\overline{A}
	7	n.c.	n.c.
	8	GND	GND