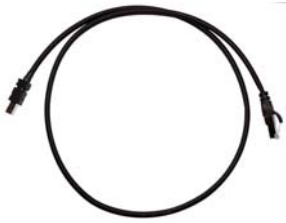
Connection cable for AS-i Speed Monitor

Connection cable for AS-i Speed Monitor

The cables are 100% electrically tested by Bihl+Wiedemann

BW2991



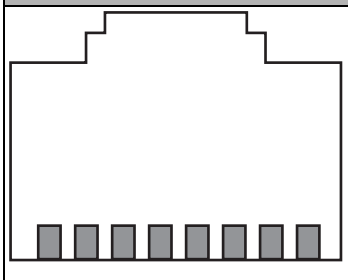
BW2993

BW3346

BW3039

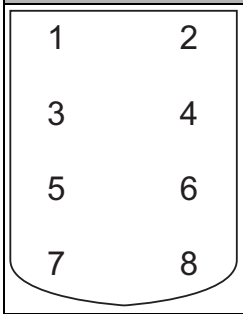
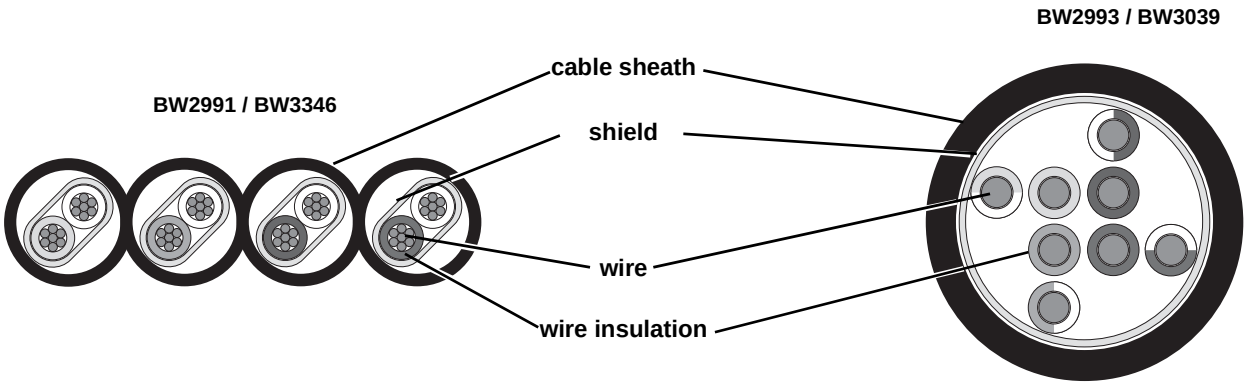
Art. no.	BW3346	BW2991	BW2993	BW3039
Application	for the connection of rotary encoders, shielded			
Achievement	RJ45 on RJ45		RJ45 on AMP Mini-IO connector	RJ45 on ferrules
Cable				
Wire	0, 0127 mm², 4 pairs, material: copper		0,102 mm², 4 pairs, material: copper	
Casing	W: 6,5 mm, H: 1,7 mm color: black, material: PVC		Ø 7,1 mm, color: black, material: LSOH	
Shield	foil screen pair shield		foil screen cable shield	
Resistance cable	1450 Ω/km		180 Ω/km	
RoHS-complient	yes			
Length	0,1 m	1,0 m		1,5 m

Pin assignment of RJ45 plug

Cross-section	Pin	Name		Color
 1 8	**1**	U_b	U_b	orange / white
	2	GND	GND	orange
	3	RS485 - A	RS485 - A	green / white
	4	sin	B	blue
	5	$\overline{\text{sin}}$	$\overline{\text{B}}$	blue / white
	6	RS485 - B	RS485 - B	green
	7	cos	A	brown / white
	8	$\overline{\text{cos}}$	$\overline{\text{A}}$	brown

Connection cable for AS-i Speed Monitor

Pin assignment of Mini IO plug

Cross-section	Pin	Name		Color
	**1**	$\overline{\text{sin}}$	$\overline{\text{B}}$	blue / white
	2	sin	B	blue
	3	n.c.	n.c.	–
	4	n.c.	n.c.	–
	5	cos	A	brown / white
	6	$\overline{\text{cos}}$	$\overline{\text{A}}$	brown
	7	n.c.	n.c.	–
	8	GND	GND	orange

Cross-section