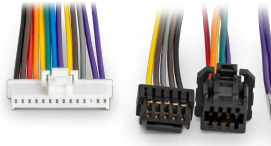
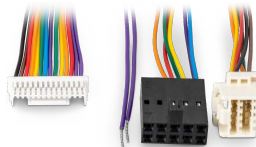
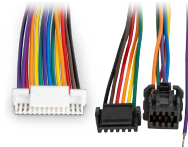


		TSX RIO to EPOS4 L = 300 mm (P/N 708582)		TSX RIO to ESPOS4 Disk L = 300 mm (P/N 865363)		TSX MAG to EPOS4 L = 300 mm (P/N 708583)		TSX MAG to ESCON L = 300 mm (P/N 708584)		TSX MAG to EPOS4 Disk L = 300 mm (P/N 865360)	
											
1st End (Encoder side)											
Manufacturer		Molex				Molex					
Manufacturer Part-No.		5013301400				5013301400					
Signal Assignment	Pin 1	NTC-, violet				NTC-, violet					
	Pin 2	NTC+, violet				NTC+, violet					
	Pin 3	DATA/, red				–					
	Pin 4	DATA, orange				H3, grey					
	Pin 5	CLK/, yellow				H2, brown					
	Pin 6	CLK, green				H1, yellow					
	Pin 7	I, violet [a]				I, violet [a]					
	Pin 8	I/, blue [a]				I/, blue [a]					
	Pin 9	B, green				B, green					
	Pin 10	B/, yellow				B/, yellow					
	Pin 11	A, orange				A, orange					
	Pin 12	A/, red				A/, red					
	Pin 13	GND, brown				GND, brown					
	Pin 14	V _{CC} , black				V _{CC} , black					
2nd End (Controller side)											
Manufacturer		Molex		Molex		Molex		Molex		Molex	
Manufacturer Part-No.		22-55-2102		05055650601		22-55-2102		22-55-2102		05055650501	
Signal Assignment	Pin 1	N.C.		CLK, green		N.C.		N.C.		H1, yellow	
	Pin 2	N.C.		CLK/, yellow		V _{CC} , black		V _{CC} , black		H2, brown	
	Pin 3	N.C.		DATA, orange		GND, brown		GND, brown		H3, grey	
	Pin 4	N.C.		DATA/, red		N.C.		N.C.		GND, brown	
	Pin 5	A/, red		GND, brown		A/, red		A/, red		V _{CC} , black	
	Pin 6	A, orange		V _{CC} , black		A, orange		A, orange		–	
	Pin 7	B/, yellow		–		B/, yellow		B/, yellow		–	
	Pin 8	B, green		–		B, green		B, green		–	
	Pin 9	I/, blue [a]		–		I/, blue [a]		I/, blue [a]		–	
	Pin 10	I, violet [a]		–		I, violet [a]		I, violet [a]		–	
Manufacturer		Molex		Molex		Molex		–		Molex	
Manufacturer Part-No.		503149-1000		05054320801		43025-0600		–		05054320801	
Signal Assignment	Pin 1	N.C.		A, orange		H1, yellow		–		A, orange	
	Pin 2	N.C.		A/, red		H2, brown		–		A/, red	
	Pin 3	N.C.		B, green		H3, grey		–		B, green	
	Pin 4	N.C.		B/, yellow		N.C.		–		B/, yellow	
	Pin 5	CLK, green		I, violet [a]		N.C.		–		I, violet [a]	
	Pin 6	CLK/, yellow		I/, blue [a]		N.C.		–		I/, blue [a]	
	Pin 7	DATA, orange		N.C.		–		–		GND, brown	
	Pin 8	DATA/, red		N.C.		–		–		V _{CC} , black	
	Pin 9	GND, brown		–		–		–		–	
	Pin 10	V _{CC} , black		–		–		–		–	
Wires without connector		NTC+, violet / NTC-, violet		NTC+, violet / NTC-, violet		NTC+, violet / NTC-, violet		NTC+, violet / NTC-, violet / V _{CC} black / GND, brown H1, yellow / H2, brown / H3, grey		–	
Wires		Stranded wire, UL1213, PTFE, 28 AWG, various colors									

[a] The index channel is not supported by all TSX Encoder versions.

		TSX RIO to EPOS4 L = 300 mm (P/N 708585)	TSX RIO to ESPOS4 Disk L = 300 mm (P/N 865362)	TSX MAG to EPOS4 L = 300 mm (P/N 708586)	TSX MAG to ESCON L = 300 mm (P/N 708587)	TSX MAG to EPOS4 Disk L = 300 mm (P/N 865359)
						
1st End (Encoder side)						
Manufacturer		JST		JST		
Manufacturer Part-No.		NSHR-14V-S		NSHR-14V-S		
Signal Assignment	Pin 1	V _{CC} , black		V _{CC} , black		
	Pin 2	GND, brown		GND, brown		
	Pin 3	A/, red		A/, red		
	Pin 4	A, orange		A, orange		
	Pin 5	B/, yellow		B/, yellow		
	Pin 6	B, green		B, green		
	Pin 7	I/, blue [a]		I/, blue [a]		
	Pin 8	I, violet [a]		I, violet [a]		
	Pin 9	CLK, green		H1, yellow		
	Pin 10	CLK/, yellow		H2, brown		
	Pin 11	DATA, orange		H3, grey		
	Pin 12	DATA/, red		–		
	Pin 13	NTC+, violet		NTC+, violet		
	Pin 14	NTC-, violet		NTC-, violet		
2nd End (Controller side)						
Manufacturer		Molex	Molex	Molex	Molex	Molex
Manufacturer Part-No.		22-55-2102	05055650601	22-55-2102	22-55-2102	05055650501
Signal Assignment	Pin 1	N.C.	CLK, green	N.C.	N.C.	H1, yellow
	Pin 2	N.C.	CLK/, yellow	V _{CC} , black	V _{CC} , black	H2, brown
	Pin 3	N.C.	DATA, orange	GND, brown	GND, brown	H3, grey
	Pin 4	N.C.	DATA/, red	N.C.	N.C.	GND, brown
	Pin 5	A/, red	GND, brown	A/, red	A/, red	V _{CC} , black
	Pin 6	A, orange	V _{CC} , black	A, orange	A, orange	–
	Pin 7	B/, yellow	–	B/, yellow	B/, yellow	–
	Pin 8	B, green	–	B, green	B, green	–
	Pin 9	I/, blue [a]	–	I/, blue [a]	I/, blue [a]	–
	Pin 10	I, violet [a]	–	I, violet [a]	I, violet [a]	–
Manufacturer		Molex	Molex	Molex	–	Molex
Manufacturer Part-No.		503148-1000	05054320801	43025-0600	–	05054320801
Signal Assignment	Pin 1	N.C.	A, orange	H1, yellow	–	A, orange
	Pin 2	N.C.	A/, red	H2, brown	–	A/, red
	Pin 3	N.C.	B, green	H3, grey	–	B, green
	Pin 4	N.C.	B/, yellow	N.C.	–	B/, yellow
	Pin 5	CLK, green	I, violet [a]	N.C.	–	I, violet [a]
	Pin 6	CLK/, yellow	I/, blue [a]	N.C.	–	I/, blue [a]
	Pin 7	DATA, orange	N.C.	–	–	N.C.
	Pin 8	DATA/, red	N.C.	–	–	N.C.
	Pin 9	GND, brown	–	–	–	–
	Pin 10	V _{CC} , black	–	–	–	–
Wires without connector		NTC+, violet / NTC-, violet	NTC+, violet / NTC-, violet	NTC+, violet / NTC-, violet	NTC+, violet / NTC-, violet / V _{CC} black / GND, brown H1, yellow / H2, brown / H3, grey	
Wires		Stranded wire, UL1213, PTFE, 28 AWG, various colors				

[a] The index channel is not supported by all TSX Encoder versions.