



PLC Wiring

Mechatronics

POST-SECONDARY



Syslink I/O connector cable with ferrules - 167122

Design: One end 24-pin Syslink connector, the other being open with ferrules. Pins 9 and 10, 21 and 22, 23 and 24 are interconnected

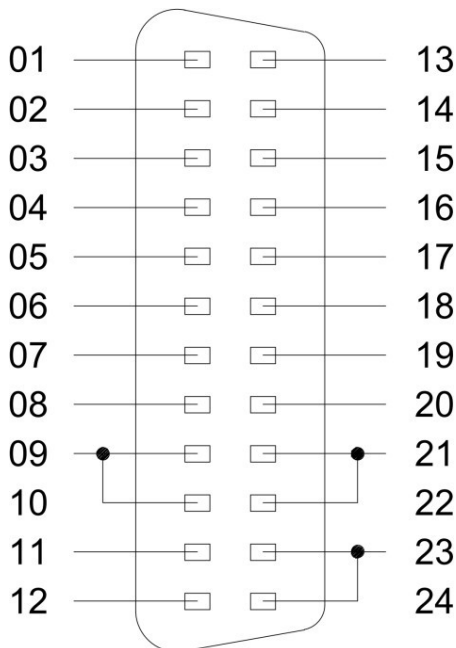
Function: This cable allows connection to Easyport module or PLC. This allows switching of 16 I/O signals. You can also use it to supply 24Vdc to sensors and actuators in accordance with the maximum load.

Technical Data: Electrical Data

- Number of wires 21
- Diameter of the cross section; 0.34mm²
- Connector, 24-pin Amphenol

Color code and pin allocation

Pin #	Signal	Wire Color	Pin #	Signal	Wire Color
1	Output Bit 0	White	13	Input Bit 0	Grey/pink
2	Output Bit 1	Brown	14	Input Bit 1	Red/blue
3	Output Bit 2	Green	15	Input Bit 2	White/green
4	Output Bit 3	Yellow	16	Input Bit 3	Brown/green
5	Output Bit 4	Grey	17	Input Bit 4	White/yellow
6	Output Bit 5	Pink	18	Input Bit 5	Yellow/brown
7	Output Bit 6	Blue	19	Input Bit 6	White/grey
8	Output Bit 7	Red	20	Input Bit 7	Grey/brown
9	24 Vdc	Black	21	24 Vdc	White/pink
10			22		
11	0v	Pink/brown	23	0v	White/blue
12	0v	Violet	24		





Analogue data cable, parallel

Function

The analogue data cable is 15-pole cable with diameter of 0.25 mm². It connects an analogue terminal parallel to a controller (SPS, Easyport; etc.). It is possible to transfer 4 analogue output signals and 2 analogue input signals. In addition the ground is routed in the cable.

Pin Assignment

	Function	Pin #	Wire Colour		Signal	Pin #	Wire Colour
OUT	UA1	1	White	OUT	IA2	9	Black
	UA2	2	Brown		IA1	10	Grey/pink
	AGNDA	3	Green	IN	IE4	12	Red/blue
IN	IE2	4	Yellow		IE3	13	Grey/white
	IE1	5	Grey		UE4	14	Brown/green
	AGNDE	6	Pink		UE3	15	Yellow/white
	UE2	7	Blue				
	UE1	8	Red				