



PLC WIRING

# **Mechatronics**

POST-SECONDARY AND TEAM CANADA



### 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; 0.34mm<sup>2</sup>
- Connector, 24-pin Amphenol

### Colour code and pin allocation

Pin #	Signal	Wire Colour	Pin #	Signal	Wire Colour
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	24VDC	Black	21	24VDC	White/pink
10			22		
11	0V	Pink/brown	23	0V	White/blue
12	0V	Violet	24		

### Cable colour and allocation of pins

