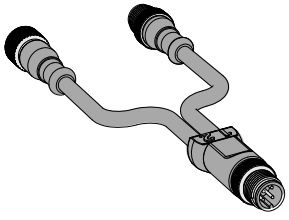
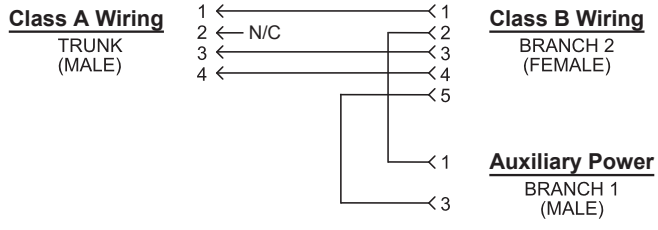
S15YS IO-Link Class A/B Power Splitter Datasheet

Features



- Male M12 trunk, male 4-pin branch, female 5-pin M12 branch
- 0.2 m leads extending from overmold
- Convert from IO-Link Class A wiring to Class B wiring, using the male branch to bring in supplemental power

Models

Model	Wiring	Length
S15YS-M124-M12M4M125-0.2		0.2 m (7.9 in)

S15YS Specifications

Current Rating
4 A

Voltage Rating
30 V DC / V AC

Minimum Bend Radius
>10× the outside diameter

AWG
22 AWG

Outer Diameter
5.2 mm

Connections
Trunk: Integral 4-pin M12 male quick-disconnect connector, IO-Link Class A wiring
Branch 1: Auxiliary 4-pin M12 male quick-disconnect connector for external power
Branch 2: Integral 5-pin M12 female quick-disconnect connector, IO-Link Class B wiring

Coding
A

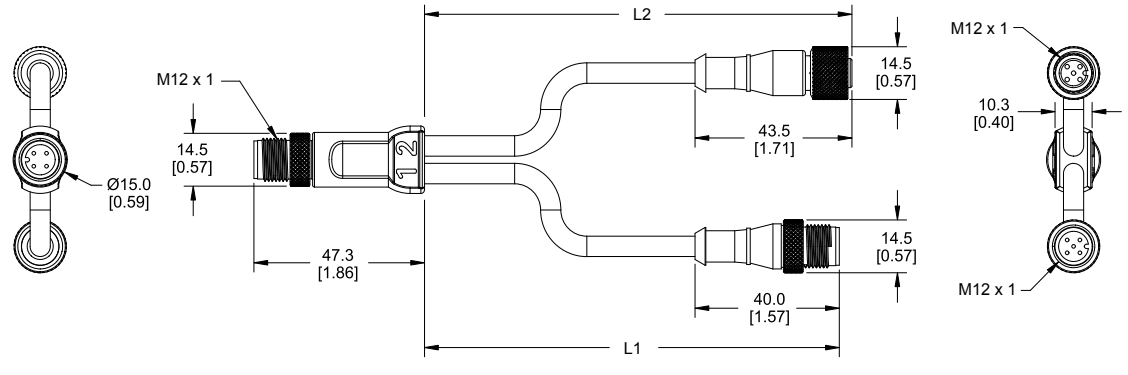
Construction
Coupling nut material: Nickel-plated brass
Contact carrier: Black nylon
Connector body: Black PUR
Jacket material: Black PVC

Vibration and Mechanical Shock
Meets IEC 60068-2-6 requirements (Vibration: 10 Hz to 55 Hz, 1.0 mm amplitude, 5 minutes sweep, 30 minutes dwell)
Meets IEC 60068-2-27 requirements (Shock: 30G 11 ms duration, half sine wave)

Operating Conditions
Operating temperature: –40 °C to +70 °C (–40 °F to +158 °F)
Storage temperature: –40 °C to +70 °C (–40 °F to +158 °F)
90% at +50 °C maximum relative humidity (non-condensing)

Environmental Rating
IP67, UL Type 1

Dimensions



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Original Instructions
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