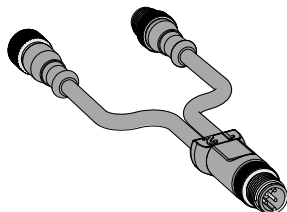


S15YS IO-Link Class A/B Power Splitter

Datasheet



Features

	<ul style="list-style-type: none">• 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
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Models

Model	Wiring	Length
S15YS-M124-M12M4M125-0.2	<div><div>Class A Wiring TRUNK (MALE)</div><div><div>1 ←</div><div>2 ← N/C</div><div>3 ←</div><div>4 ←</div></div><div><div>← 1</div><div>← 2</div><div>← 3</div><div>← 4</div><div>← 5</div></div><div>Class B Wiring BRANCH 2 (FEMALE)</div><div>Auxiliary Power BRANCH 1 (MALE)</div><div><div>← 1</div><div>← 3</div></div></div>	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

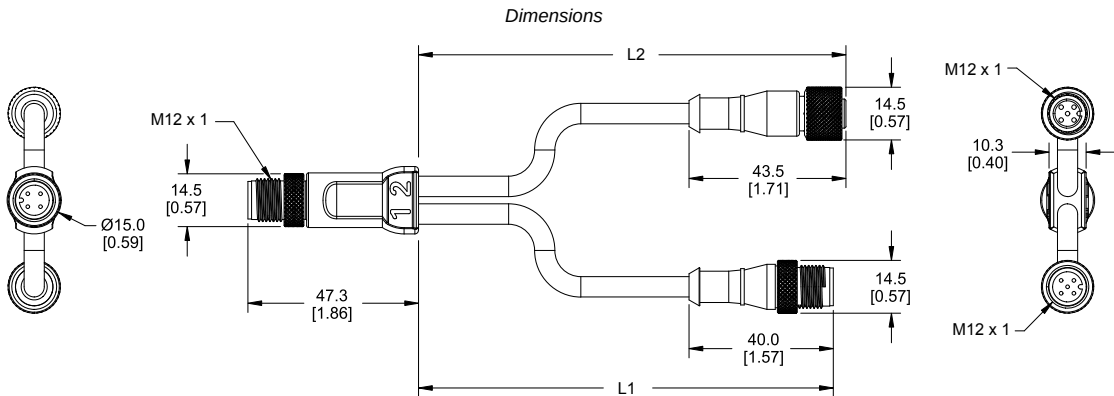
Operating temperature: -40 °C to +70 °C (-40 °F to +158 °F)

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



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Original Instructions

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