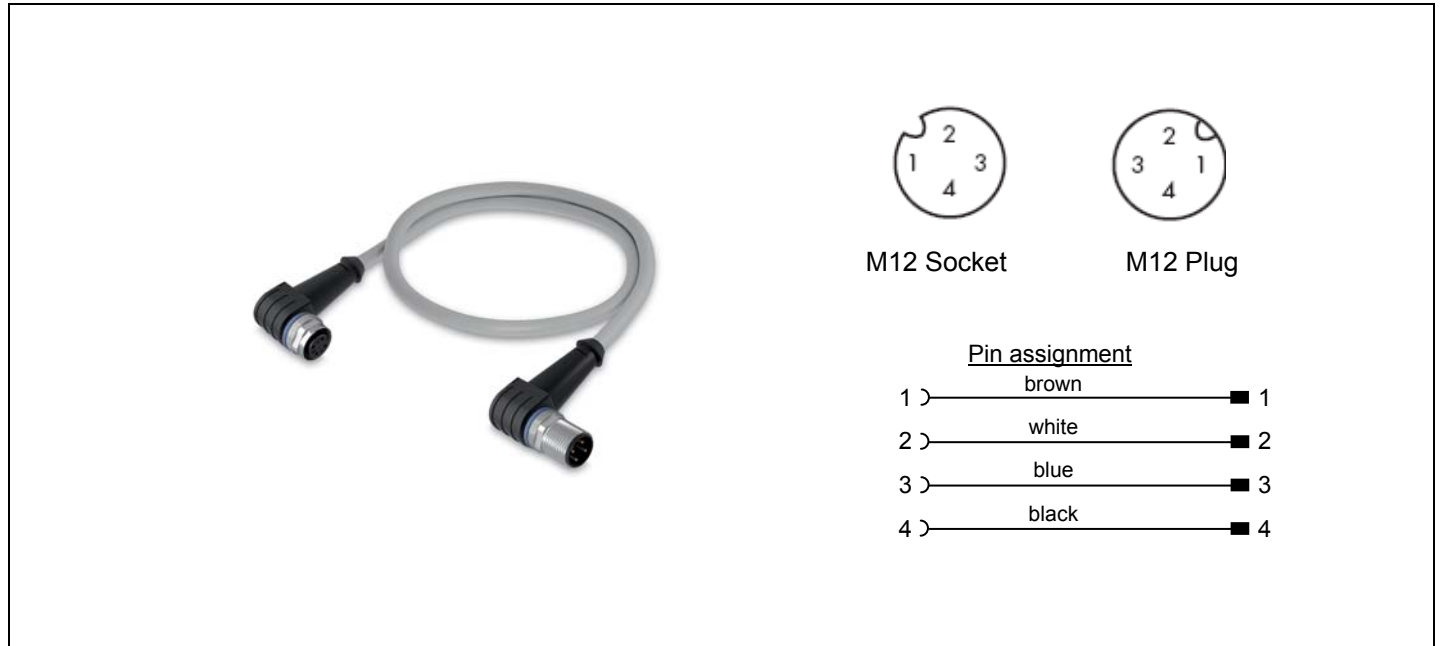


Power supply Cable

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for WAGO **SPEEDWAY 767**

Data Sheet



Description	Item no.	Pack. unit pcs
Power supply cable, with both ends of cable fitted, A coded		
M12 socket, right angle, M12 plug, right angle, 0.2 m	756-3106/0040-0002	1
M12 socket, right angle, M12 plug, right angle, 0.3 m	756-3106/0040-0003	1
M12 socket, right angle, M12 plug, right angle, 0.5 m	756-3106/0040-0005	1
M12 socket, right angle, M12 plug, right angle, 1.0 m	756-3106/0040-0010	1
M12 socket, right angle, M12 plug, right angle, 2.0 m	756-3106/0040-0020	1
M12 socket, right angle, M12 plug, right angle, 5.0 m	756-3106/0040-0050	1
M12 socket, right angle, M12 plug, right angle, 10.0 m	756-3106/0040-0100	1
M12 socket, right angle, M12 plug, right angle, 20.0 m	756-3106/0040-0200	1
Special lengths on request		

Short description:	Technical data																																												
<ul style="list-style-type: none"> UL / CSA PUR, halogen-free Drag chain suitability Free of silicon and CFC Good resistance to microbes, hydrolysis, oil, ozone and UV radiation. Good chemical resistance. UL approved 	<p>General</p> <tr> <td>Operating voltage</td> <td>AC/DC 250 V acc. to IEC 60664-1</td> </tr> <tr> <td>Operating current</td> <td>4 A acc. to IEC 60512-3</td> </tr> <tr> <td>Rated surge voltage</td> <td>2.5 kV acc. to IEC 61076-2-101</td> </tr> <tr> <td>Insulation resistance</td> <td>>10⁹ Ω acc. to IEC 60512-2</td> </tr> <tr> <td>Contact resistance</td> <td>≤ 10 mΩ acc. to IEC 61076-2-101</td> </tr> <tr> <td>Resistance of conductor</td> <td>≤ 26 Ω/km</td> </tr> <tr> <td>Pollution degree</td> <td>3/2 acc. to IEC 60664-1</td> </tr> <tr> <td>Degree of protection</td> <td>IP67 acc. to IEC 60529</td> </tr> <tr> <td>Operating temperature</td> <td>-30 °C ... +80 °C (static and moving)</td> </tr> <tr> <td>Drag chain suitability</td> <td></td> </tr> <tr> <td>Min. bending radius</td> <td>10 x cable Ø</td> </tr> <tr> <td>Bending cycles</td> <td>≥ 4 million</td> </tr> <tr> <td>Max. acceleration</td> <td>10 m/s²</td> </tr> <tr> <td>Max. traversing rate</td> <td>4 m/s</td> </tr> <tr> <td>Max. traverse path</td> <td>15 m horizontal</td> </tr> <tr> <td>Torsion</td> <td>max. 360°/m</td> </tr> <tr> <td>Other characteristics</td> <td>UV resistant acc. to DIN EN ISO 4892-2B (2006) (1000 h UV continuous light)</td> </tr> <tr> <td colspan="2">Cable</td> </tr> <tr> <td>Type code</td> <td>Lif9YH-11YH 4x0.75 mm²</td> </tr> <tr> <td>Note</td> <td>Construction acc. to UL+CSA Style 20233</td> </tr> <tr> <td>Conductor</td> <td>Bare copper wire (40 x 0.15 mm)</td> </tr> <tr> <td>Insulation</td> <td>Halogen-free PP9Y</td> </tr>	Operating voltage	AC/DC 250 V acc. to IEC 60664-1	Operating current	4 A acc. to IEC 60512-3	Rated surge voltage	2.5 kV acc. to IEC 61076-2-101	Insulation resistance	>10 ⁹ Ω acc. to IEC 60512-2	Contact resistance	≤ 10 mΩ acc. to IEC 61076-2-101	Resistance of conductor	≤ 26 Ω/km	Pollution degree	3/2 acc. to IEC 60664-1	Degree of protection	IP67 acc. to IEC 60529	Operating temperature	-30 °C ... +80 °C (static and moving)	Drag chain suitability		Min. bending radius	10 x cable Ø	Bending cycles	≥ 4 million	Max. acceleration	10 m/s ²	Max. traversing rate	4 m/s	Max. traverse path	15 m horizontal	Torsion	max. 360°/m	Other characteristics	UV resistant acc. to DIN EN ISO 4892-2B (2006) (1000 h UV continuous light)	Cable		Type code	Lif9YH-11YH 4x0.75 mm ²	Note	Construction acc. to UL+CSA Style 20233	Conductor	Bare copper wire (40 x 0.15 mm)	Insulation	Halogen-free PP9Y
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Power supply Cable

for WAGO **SPEEDWAY 767**

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Data Sheet



Technical data (continued)

Outer jacket	Halogen-free polyurethane (PUR) acc. to VDE 0250 part 818, flame resistant acc. to VDE 0472 part 804/B
Color	Gray (~RAL 7040)
Cable diameter	Ø 6.2 mm ± 0.2
Connectors	
Socket/Plug	M12x1, A-coded
Molded body/ Housing material	TPU/TPU, black (~ RAL 9005)
Contact material	CuZn
Contact plating	CuNi/Au
Knurled nut with hexagonal	CuZn
Knurled nut surface	Nickel-plated
Sealing ring	FPM (Viton)
Mechanical life	Max. 100 mating cycles
Torque	0.6 Nm

Accessories

Torque assembly kit incl.	
M8- und M12- Allen key	206-701