

Power supply Cable

1/2

for WAGO **SPEEDWAY 767**

Data Sheet



M12 Socket

Pin assignment

1	↪	brown	■	1
2	↪	white	■	2
3	↪	blue	■	3
4	↪	black	■	4

Description	Item no.	Pack. unit pcs																																														
Power supply cable, with one end of cable fitted, A coded																																																
M12 socket, right angle, one free cable end, 2.0 m	756-3102/0040-0020	1																																														
M12 socket, right angle, one free cable end, 5.0 m	756-3102/0040-0050	1																																														
M12 socket, right angle, one free cable end, 10.0 m	756-3102/0040-0100	1																																														
M12 socket, right angle, one free cable end, 20.0 m	756-3102/0040-0200	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> <table border="0"> <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> </table> <p>Cable</p> <table border="0"> <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> <tr><td>Outer jacket</td><td>Halogen-free polyurethane (PUR) acc. to VDE 0250 part 818, flame resistant acc. to VDE 0472 part 804/B</td></tr> <tr><td>Color</td><td>Gray (~RAL 7040)</td></tr> </table>		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)	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	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)
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