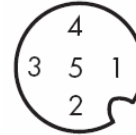


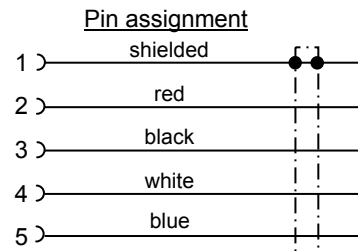
# CANopen, DeviceNet Cable

for WAGO **SPEEDWAY 767**

**Data Sheet**



M12 Socket



Description	Item no.	Pack. unit pcs																															
CANopen, DeviceNet Cable, with one end of cable fitted, A-coded																																	
M12 socket, right angle, one free cable end, 2.0 m	756-1402/0060-0020	1																															
M12 socket, right angle, one free cable end, 5.0 m	756-1402/0060-0050	1																															
M12 socket, right angle, one free cable end, 10.0 m	756-1402/0060-0100	1																															
M12 socket, right angle, one free cable end, 20.0 m	756-1402/0060-0200	1																															
Special lengths on request																																	
<b>Short description:</b> <ul style="list-style-type: none"> <li>PUR, halogen-free</li> <li>Suitable for drag chains</li> <li>Good resistance to microbes, hydrolysis, oil, ozone and UV radiation. Good chemical resistance.</li> <li>UL approved</li> </ul>	<b>Technical data</b>																																
	<b>General</b> <table border="1"> <tr> <td>Operating voltage</td> <td>≤60 V</td> </tr> <tr> <td>Operating current</td> <td>4 A acc. to IEC 60512-3</td> </tr> <tr> <td>Rated surge voltage</td> <td>1.5 kV (wire/wire/screen rms 50Hz 1min)</td> </tr> <tr> <td>Insulation resistance</td> <td>≥1x10<sup>10</sup> Ωxkm</td> </tr> <tr> <td>Contact resistance</td> <td>≤10 mΩ</td> </tr> <tr> <td>Resistance of conductor</td> <td>≤57 Ω/km (AWG22) + ≤79 Ω/km(AWG24)</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>-40 °C ... +80 °C (static and moving)</td> </tr> <tr> <td>Drag chain suitability</td> <td></td> </tr> <tr> <td>Min. bending radius</td> <td>5 x cable Ø</td> </tr> <tr> <td>Bending cycles</td> <td>5 Mio.</td> </tr> <tr> <td>Max. acceleration</td> <td>max. 4 m/s<sup>2</sup></td> </tr> <tr> <td>Max. traversing rate</td> <td>max. 4 m/s</td> </tr> <tr> <td>Max. traverse path</td> <td>max. 10 m horizontal</td> </tr> <tr> <td>Other characteristics</td> <td>UV resistant acc. to UL 1581 Sec. 1200 (720 h Xenon exposure)</td> </tr> </table>		Operating voltage	≤60 V	Operating current	4 A acc. to IEC 60512-3	Rated surge voltage	1.5 kV (wire/wire/screen rms 50Hz 1min)	Insulation resistance	≥1x10 <sup>10</sup> Ωxkm	Contact resistance	≤10 mΩ	Resistance of conductor	≤57 Ω/km (AWG22) + ≤79 Ω/km(AWG24)	Pollution degree	3/2 acc. to IEC 60664-1	Degree of protection	IP67 acc. to IEC 60529	Operating temperature	-40 °C ... +80 °C (static and moving)	Drag chain suitability		Min. bending radius	5 x cable Ø	Bending cycles	5 Mio.	Max. acceleration	max. 4 m/s <sup>2</sup>	Max. traversing rate	max. 4 m/s	Max. traverse path	max. 10 m horizontal	Other characteristics
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# CANopen, DeviceNet Cable

for WAGO **SPEEDWAY 767**

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Data Sheet



## Technical data (continued)

### Cable

Type code	L-02YC11Y 2xAWG24 + 2xAWG22/ 1.4-120 VI FRNC, shielded
Note	Construction acc. to UL File E119100 Vol.1 Sec.17 Page 2 and UL File E116441 Vol.1 Sec.7 Page 2
Overall shield	Overlapped aluminum-laminated foil and tinned copper braid, 80 % optical coverage
Conductor	Bare copper wire (19 x 0.125 mm)
Insulation	Halogen-free PE
Outer jacket	Halogen-free polyurethane (PUR) acc. to VDE 0250 part 818, flame resistant acc. to IEC 60332-1-2
Color	Violet (~ RAL 4001)
Cable diameter	Ø 6.9 mm ± 0.3

### Connector

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