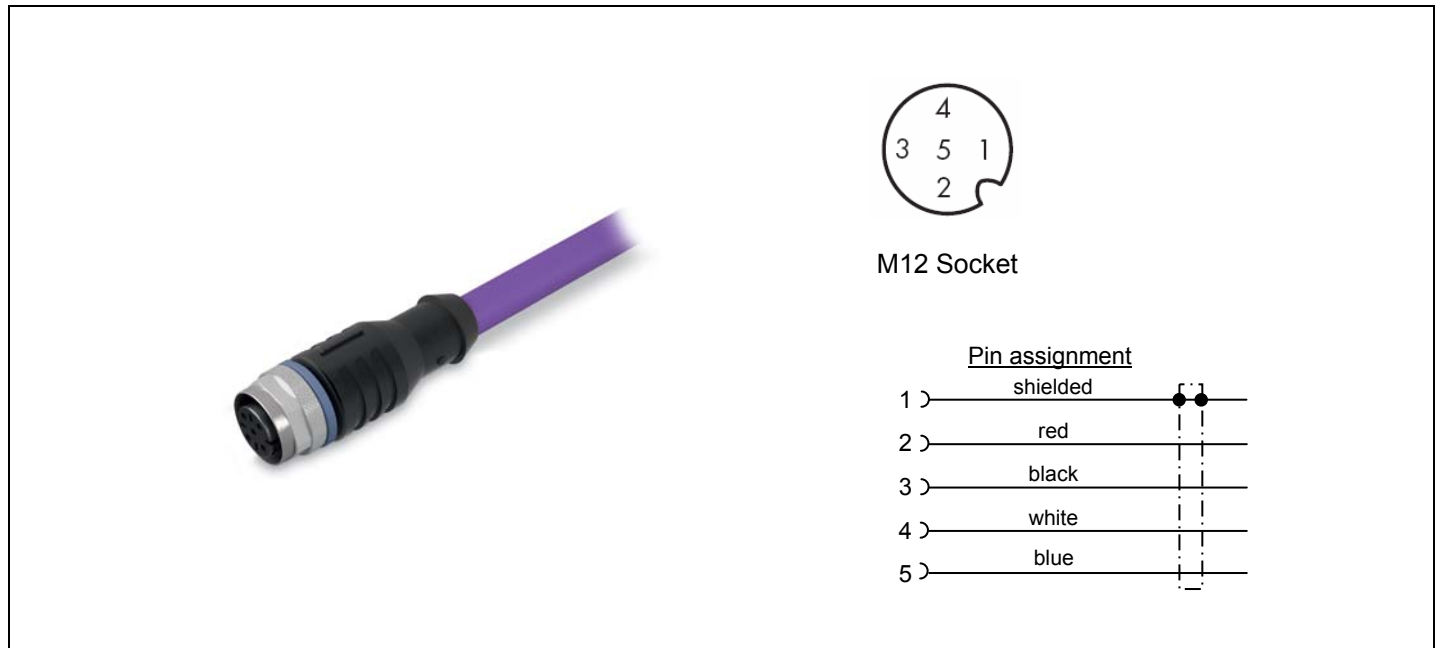


CANopen, DeviceNet Cable

for **WAGO** *SPEEDWAY 767*

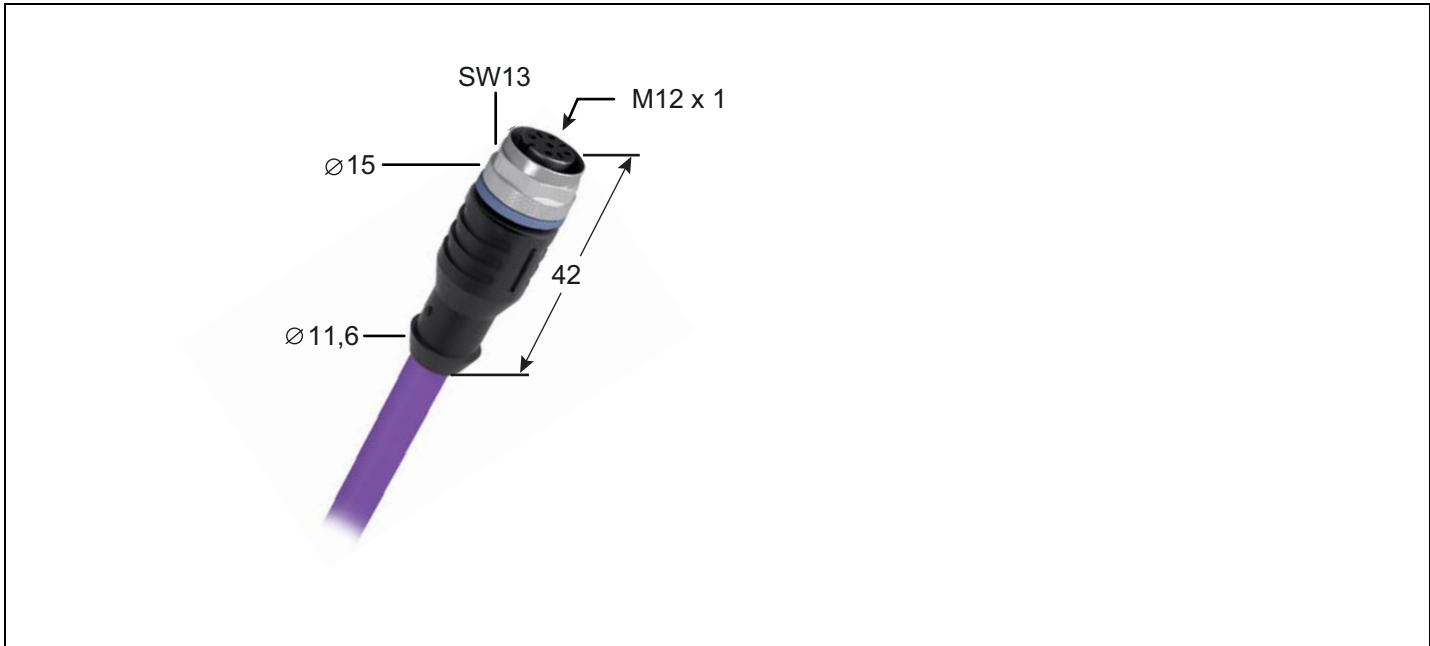
Data Sheet



Description	Item no.	Pack. unit pcs																															
CANopen, DeviceNet Cable, with one end of cable fitted, A-coded																																	
M12 socket, straight, one free cable.end, 2.0 m	756-1401/0060-0020	1																															
M12 socket, straight, one free cable.end, 5.0 m	756-1401/0060-0050	1																															
M12 socket, straight, one free cable.end, 10.0 m	756-1401/0060-0100	1																															
M12 socket, straight, one free cable.end, 20.0 m	756-1401/0060-0200	1																															
Special lengths on request																																	
<p>Short description:</p> <ul style="list-style-type: none"> • PUR, halogen-free • Suitable for drag chains • Good resistance to microbes, hydrolysis, oil, ozone and UV radiation. Good chemical resistance. • UL approved 	<p>Technical data</p> <p>General</p> <table border="0"> <tr><td>Operating voltage</td><td>≤300 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>2.0 kV (wire/wire/screen rms 50Hz 1min)</td></tr> <tr><td>Insulation resistance</td><td>≥2x10⁸ 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/s²</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	≤300 V	Operating current	4 A acc. to IEC 60512-3	Rated surge voltage	2.0 kV (wire/wire/screen rms 50Hz 1min)	Insulation resistance	≥2x10 ⁸ 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 ²	Max. traversing rate	max. 4 m/s	Max. traverse path	max. 10 m horizontal	Other characteristics	UV resistant acc. to UL 1581 Sec. 1200 (720 h Xenon exposure)
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CANopen, DeviceNet Cable

for WAGO **SPEEDWAY 767**



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 und 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	
Socket	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