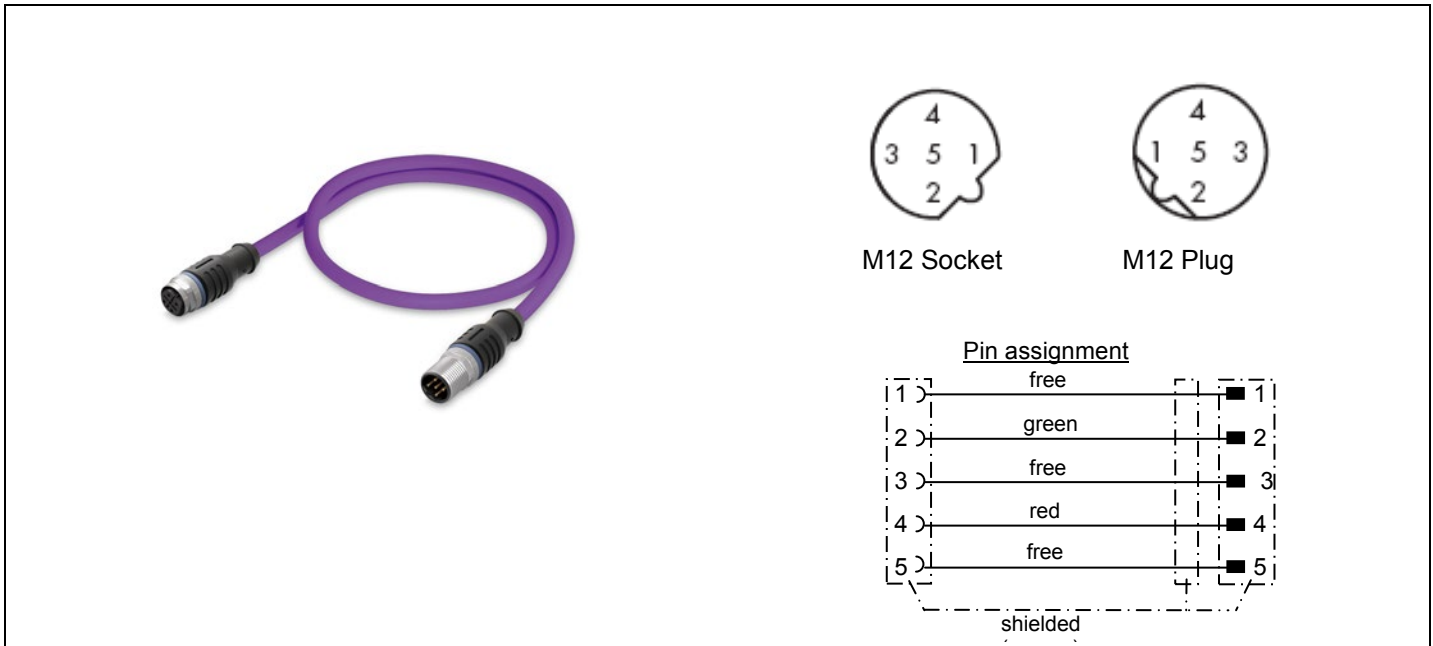


CANopen, DeviceNet Cable

for WAGO \equiv SPEEDWAY 767

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Data Sheet



Description	Item no.	Pack. unit pcs
CANopen, DeviceNet cable, with both ends of cable fitted, B coded		
M12 socket, straight, M12 plug, straight, 2.0 m	756-1105/0060-0020	1
M12 socket, straight, M12 plug, straight, 5.0 m	756-1105/0060-0050	1
M12 socket, straight, M12 plug, straight, 10.0 m	756-1105/0060-0100	1
M12 socket, straight, M12 plug, straight, 20.0 m	756-1105/0060-0200	1
Special lengths on request		
Short description:	Technical data	
<ul style="list-style-type: none"> PUR, halogen-free Suitable for drag chains Free of silicon and PVC Good resistance to microbes, hydrolysis, oil, ozone and UV radiation. Good chemical resistance. 	<p>General</p> <p>Operating voltage ≤ 300 V</p> <p>Operating current 4 A acc. to IEC 60512-3</p> <p>Rated surge voltage ≥ 2 kV</p> <p>Insulation resistance > 2500 MΩ/km</p> <p>Loop resistance max. 110 Ω/km</p> <p>Contact resistance max. 55 Ω/km</p> <p>Attenuation ≤ 43.60 dB/km, 16 MHz</p> <p>Inductance per unit length 0.78 mH/km</p> <p>Surge impedance 160 $\Omega \pm 10$ %, 16 MHz</p> <p>Pollution degree 3/2 acc. to IEC 60664-1</p> <p>Degree of protection IP67 acc. to IEC 60529</p> <p>Operating temperature -25 $^{\circ}$C...+60 $^{\circ}$C (moving) -50 $^{\circ}$C...+80 $^{\circ}$C (static)</p> <p>Other characteristics UV resistant acc. to UL 1581 Sec. 1200 (720 h Xenon exposure)</p> <p>Drag chain</p> <p>Drag chain suitability > 5 x cable \varnothing (fixed installation)</p> <p>Bending radius > 10 x cable \varnothing (flexible application)</p> <p>Bending cycles > 1 million</p> <p>Acceleration max. 5 m/s²</p> <p>Traversing rate max. 5 m/s</p> <p>Traverse path max. 5 m horizontal / max. 2 m vertical</p> <p>Cable</p> <p>Type code LI02YS-(ST)CB11Y 1X(2X0,34SQMM)</p> <p>Note Construction acc. to UL AWM Style 20549 I/II A/B 80C 300V FT2</p> <p>Shield foil AL-PT</p>	

CANopen, DeviceNet Cable

for WAGO \equiv SPEEDWAY 767

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Data Sheet



Technical data (continued)

Overall shield	Screening braid (app. Ø 5.90 mm) tinned CU-ETP1, 85 % ± 5 % coverage
Conductor	Bare CU braid (19 x 0.15 mm)
Insulation	Halogen-free PE
Filler	PP-Yarn
Outer jacket	Halogen-free polyurethane (PUR) acc. EN 50267-2-1, IEC 60754-1, VDE 0482-267-2-1 flame resistant acc. to IEC 60332-2-2, EN 60332-2-2, VDE 0482-332-2-2 CSA FT-2
Color	Violet, matt (~ RAL 4001)
Cable diameter	Ø 7.6 mm ± 0.3
Cable surface	free of antifriction agents and lubricants
Connectors	
Socket/Plug	M12x1, B-coded
Molded body/ Housing material	TPU/TPU, black (~ RAL 9005)
Contact material	CuZn
Contact plating	CuNi/Au
Knurled nut with hexagonal Knurled nut surface	CuZn 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