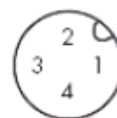


CANopen, DeviceNet Cable

for **WAGO** $\equiv$ **SPEEDWAY 767**

 $\frac{1}{2}$

Data Sheet



M12 Plug

Pin assignment

1	shielded	●	●
2	red		
3	black		
4	white		
5	blue		

Description	Item no.	Pack. unit pcs
CANopen, DeviceNet Cable, with one end of cable fitted, A-coded		
M12 plug, straight, one free cable.end, 2.0 m	756-1403/0060-0020	1
M12 plug, straight, one free cable.end, 5.0 m	756-1403/0060-0050	1
M12 plug, straight, one free cable.end, 10.0 m	756-1403/0060-0100	1
M12 plug, straight, one free cable.end, 20.0 m	756-1403/0060-0200	1
Special lengths on request		
Short description: - PUR, halogen-free - Suitable for drag chains - Good resistance to microbes, hydrolysis, oil, ozone and UV radiation. Good chemical resistance.	Technical data	
	General	
	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 ¹⁰ 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

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 und UL File E116441 Vol.1 Sec.7 Page 2
Overall shield	Overlapped aluminum-laminated foil and tinned copper braid, 85 % 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	CuZn
Knurled nut surface	Nickel-plated
Sealing ring	FPM (Viton)
Mechanical life	Max. 100 mating cycles