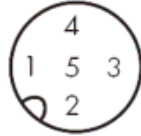


Sensor/ Actuator Cable, shielded

for **WAGO SPEEDWAY 767**

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Data Sheet

		 M12 Socket	 M12 Plug																		
		Pin assignment <table><tr><td>1</td><td>brown</td><td>1</td></tr><tr><td>2</td><td>white</td><td>2</td></tr><tr><td>3</td><td>blue</td><td>3</td></tr><tr><td>4</td><td>black</td><td>4</td></tr><tr><td>5</td><td>gray</td><td>5</td></tr><tr><td colspan="2">shielded</td><td></td></tr></table>		1	brown	1	2	white	2	3	blue	3	4	black	4	5	gray	5	shielded		
1	brown	1																			
2	white	2																			
3	blue	3																			
4	black	4																			
5	gray	5																			
shielded																					
Description	Item no.	Pack. unit pcs																			
Sensor/ Actuator cable, with both ends of cable fitted, A-coded																					
M12 socket, straight, M12 plug, right angle, 1.0 m	756-5402/0060-0010	1																			
M12 socket, straight, M12 plug, right angle, 2.0 m	756-5402/0060-0020	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 voltage	4 A acc. to IEC 60512-3																			
	Rated surge voltage	1.5 kV acc. to IEC 61076-2-101																			
	Insulation resistance	≥ 1.6x10 ¹⁰ Ωxkm acc. to IEC 60512-2																			
	Contact resistance	≤ 10 mΩ acc. to IEC 61076-2-101																			
	Resistance of conductor	< 57 Ω/km																			
	Pollution degree	3/2 acc. to IEC 60664-1																			
	Degree of protection	IP67 acc. to IEC 60529																			
	Operating temperature	-50 °C ... +80 °C (static)																			
		-40 °C ... +80 °C (moving)																			
	Drag chain suitability																				
	Min. bending radius	7.5 x cable Ø (moving)																			
		4 x cable Ø (static)																			
Bending cycles	≥ 2 Mio.																				
Max. acceleration	max. 10 m/s ²																				
Max. traversing rate	max. 4 m/s																				
Max. traverse path	max. 15 m horizontal																				
Torsion	180 °/m																				
Other characteristics	Silicone-free, FCKW-free, resistant to microbes, hydrolysis, oil and UV.																				

Sensor/ Actuator Cable, shielded

for **WAGO** *SPEEDWAY 767*

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Data Sheet



Technical data (continued)

Cable

Type code	Li9YC11Y-HF 5x0.34 mm ² shielded
Overall shield	Overlapped aluminum-laminated foil and tinned copper braid, 80 % optical coverage
Conductor	Bare copper wire (7x0.25 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: black (~ RAL 9005)
Cable diameter	Ø 6.5 mm ± 0.2

Connector

Socked/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