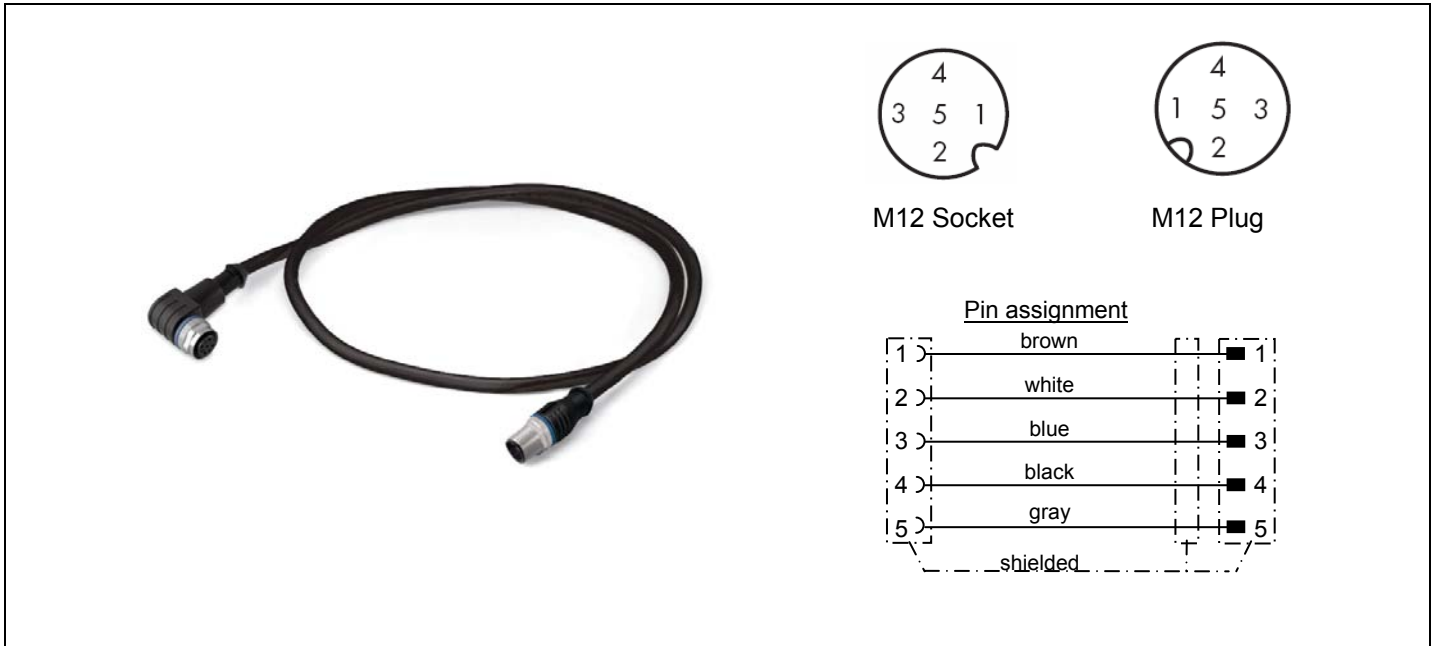


Sensor/ Actuator Cable, shielded

for **WAGO** *SPEEDWAY 767*

Data Sheet



Description	Item no.	Pack. unit pcs
Sensor/ Actuator cable, with both ends of cable fitted, A-coded		
M12 socket, right angle, M12 plug, straight, 1.0 m	756-5403/0060-0010	1
M12 socket, right angle, M12 plug, straight, 2.0 m	756-5403/0060-0020	1
Special lengths on request		

Short description:	Technical data
<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 	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 resistant acc. to DIN EN ISO 4892-2B (2006) (1000 h UV continuous light)

Sensor/ Actuator Cable, shielded

2/2

for **WAGO SPEEDWAY 767**

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

Socket/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