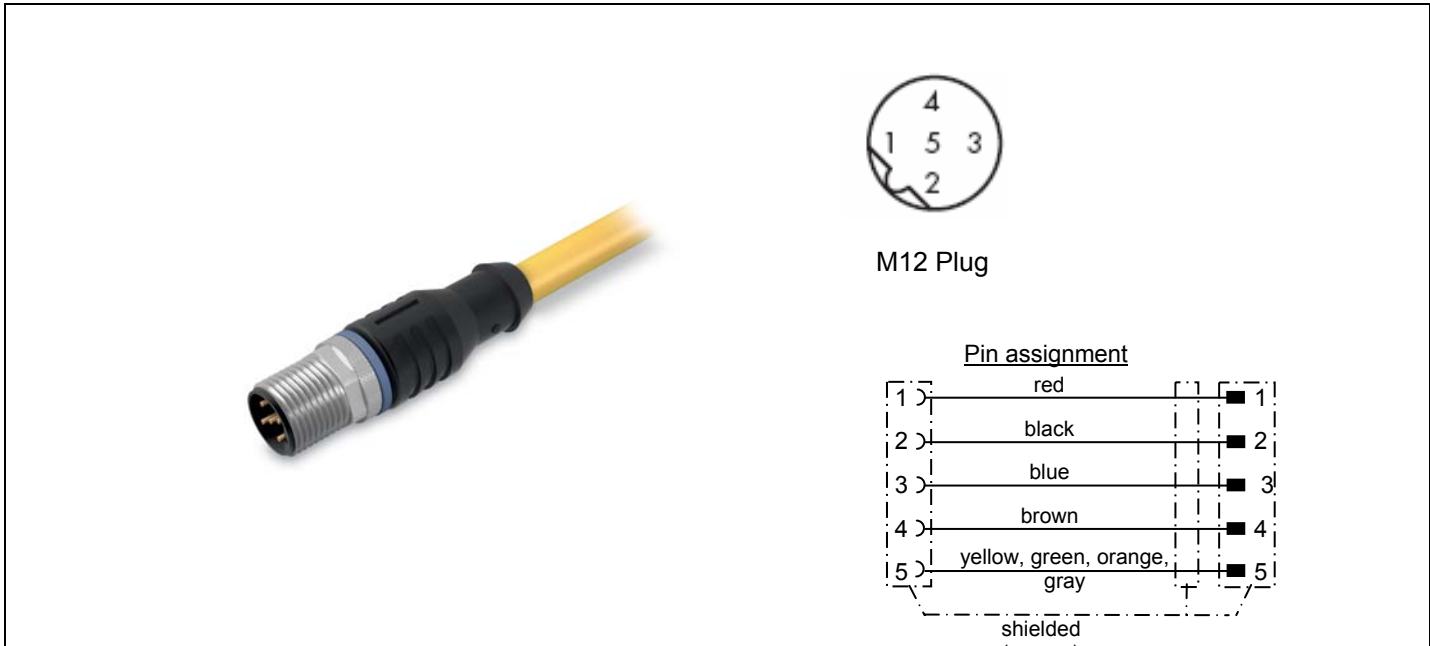


System Bus Cable

1/2

for **WAGO** *SPEEDWAY 767*

Data Sheet



Description	Item no.	Pack. unit pcs
System bus cable, with one end of cable fitted, B coded, M12 plug, straight, one free cable end, 2.0 m	756-1503/0060-0020	1
M12 plug, straight, one free cable end, 5.0 m	756-1503/0060-0050	1
M12 plug, straight, one free cable end, 10.0 m	756-1503/0060-0100	1
M12 plug, straight, one free cable end, 20.0 m	756-1503/0060-0200	1

Short description:	Technical data
<ul style="list-style-type: none"> • PUR, halogen-free • Drag chain suitability • Free of silicon and CFC • Good resistance to microbes, hydrolysis, oil, ozone and UV radiation. Good chemical resistance. 	<p>General</p> <p>Operating voltage ≤ 60 V</p> <p>Operating current 4 A acc. to IEC 60512-3</p> <p>Rated surge voltage 1.5 kV acc. to IEC 61076-2-101</p> <p>Insulation resistance ≥ 5x10⁹ Ω</p> <p>Contact resistance ≤ 10 mΩ acc. to IEC 61076-2-101</p> <p>Resistance of conductor ≤ 130 Ω/km</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 -30 °C ... +85 °C (static) -0 °C ... +50 °C (moved)</p> <p>Drag chain suitability</p> <p>Min. bending radius 5 x cable Ø</p> <p>Bending cycles ≥ 5 million</p> <p>Max. acceleration 9 m/s²</p> <p>Max. traversing rate 3 m/s</p> <p>Max. traverse path 1,8 m horizontal</p> <p>Torsion max. 180°/m (EN 50289-3-10)</p>

System Bus Cable

2/2

for **WAGO** *SPEEDWAY 767*

Data Sheet



Technical data (continued)

Cable

Type code	KS-6Y3GC11Y 4x2xAWG26/19, shielded
Overall shield	Tinned copper braid, optical coverage approx. 90 %
Note	Category 5 according to EN 50173 (2. issue)
	Band width 100 MHz
Conductor	Bare copper wire , AWG 26/19
Insulation	Max. Ø 1.0 mm, FEP.
Outer jacket	Halogen-free polyurethane (PUR) flame resistant acc. to IEC 60332-2-2
Inside jacket	EPDM
Banding	fleece
Color	Yellow, RAL -1021
Cable diameter	Approx. Ø 6.8 mm

Connectors

Plug	M12x1, B-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