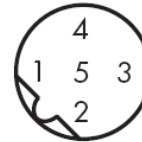


PROFIBUS Cable

for **WAGO** *SPEEDWAY 767*

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Data Sheet


M12 Socket

Pin assignment



Description	Item no.	Pack. unit pcs
PROFIBUS cable, with one end of cable fitted, B coded		
M12 plug, straight, one free cable end, 2.0 m	756-1103/0060-0020	1
M12 plug, straight, one free cable end, 5.0 m	756-1103/0060-0050	1
M12 plug, straight, one free cable end, 10.0 m	756-1103/0060-0100	1
M12 plug, straight, one free cable end, 20.0 m	756-1103/0060-0200	1
Special lengths on request		
Short description: - PUR, halogen-free - Suitable for drag chains - Free of silicon and CFC - Good resistance to microbes, hydrolysis, oil and UV radiation	Technical data	
	General	
	Operating voltage	≤ 60 V
	Operating current	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	-25 °C...+60 °C (static and moving)
	Drag chain suitability	
	Min. bending radius	15 x cable Ø
	Bending cycles	≥ 2 million
	Max. acceleration	4 m/s ²
	Max. traversing rate	3 m/s
	Max. traverse path	10 m horizontal
	Cable	
	Type code	02YH(ST)C11Y 1x2x0.65/2.56-150 LI KF 40 VI FRNC, shielded
	Overall shield	Overlapped aluminum-laminated foil and tinned copper braid, 80 % optical coverage
	Conductor	Bare copper wire (19 x 0.14 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 8.0 mm ± 0.4

PROFIBUS Cable

for **WAGO** *SPEEDWAY 767*

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Data Sheet



Technical data (continued)

Connector	
Plug	M12x1, B 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