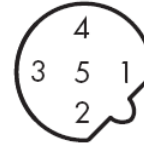


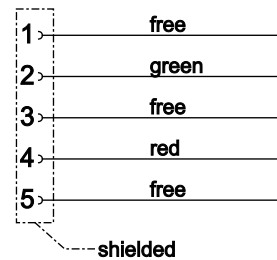
# PROFIBUS Cable

for WAGO *SPEEDWAY 767*



M12 Socket

### Pin assignment



Description	Item no.	Pack. unit pcs
PROFIBUS cable, with one end of cable fitted, B coded		
M12 socket, right angle, one free cable end, 2.0 m	756-1102/0060-0020	1
M12 socket, right angle, one free cable end, 5.0 m	756-1102/0060-0050	1
M12 socket, right angle, one free cable end, 10.0 m	756-1102/0060-0100	1
M12 socket, right angle, one free cable end, 20.0 m	756-1102/0060-0200	1
Special lengths on request		
<b>Short description:</b>	<b>Technical data</b>	
<ul style="list-style-type: none"> <li>PUR, halogen-free</li> <li>Suitable for drag chains</li> <li>Free of silicon and PVC</li> <li>Good resistance to microbes, hydrolysis, oil, ozone and UV radiation. Good chemical resistance.</li> </ul>	<p><b>General</b></p> <p>Operating voltage ≤ 300 V</p> <p>Operating current 4 A acc. to IEC 60512-3</p> <p>Rated surge voltage ≥ 2 kV</p> <p>Insulation resistance &gt; 2500 MΩ/km</p> <p>Loop resistance max. 110 Ω/km</p> <p>Contact resistance max. 55 Ω/km</p> <p>Attenuation ≤ 43.60 dB/km, 16 MHz</p> <p>Inductance per unit length 0.78 mH/km</p> <p>Surge impedance 160 Ω ±10 %, 16 MHz</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 -25 °C...+60 °C (moving)</p> <p>-50 °C...+80 °C (static)</p> <p>Other characteristics UV resistant acc. to UL 1581 Sec. 1200 (720 h Xenon exposure)</p> <p><b>Drag chain</b></p> <p>Drag chain suitability &gt; 5 x cable Ø (fixed installation)</p> <p>Bending radius &gt; 10 x cable Ø (flexible application)</p> <p>Bending cycles &gt; 1 million</p> <p>Acceleration max. 5 m/s<sup>2</sup></p> <p>Traversing rate max. 5 m/s</p> <p>Traverse path max. 5 m horizontal / max. 2 m vertical</p> <p><b>Cable</b></p> <p>Type code LI02YS-(ST)CB11Y 1X(2X0,34SQMM)</p> <p>Note Construction acc. to UL</p> <p> us AWM Style 20549 I/II</p> <p>A/B 80C 300V FT2</p> <p>Shield foil AL-PT</p>	

# PROFIBUS Cable

for WAGO  $\equiv$  SPEEDWAY 767

Data Sheet



### Technical data (continued)

Overall shield	Screening braid (app. $\varnothing$ 5.90 mm) tinned CU-ETP1, 85 % $\pm$ 5 % coverage
<b>Conductor</b>	Bare CU braid (19 x 0.15 mm)
Insulation	Halogen-free PE
Filler	PP-Yarn
<b>Outer jacket</b>	Halogen-free polyurethane (PUR) acc. EN 50267-2-1, IEC 60754-1, VDE 0482-267-2-1 flame resistant acc. to IEC 60332-2-2, EN 60332-2-2, VDE 0482-332-2-2 CSA FT-2
Color	Violet, matt (~ RAL 4001)
Cable diameter	$\varnothing$ 7.6 mm $\pm$ 0.3
Cable surface	free of antifriction agents and lubricants
<b>Connector</b>	
Socket	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
<b>Accessories</b>	
Torque assembly kit incl.	206-701
M8- und M12- Allen key	