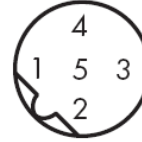


PROFIBUS Cable

for WAGO \equiv SPEEDWAY 767

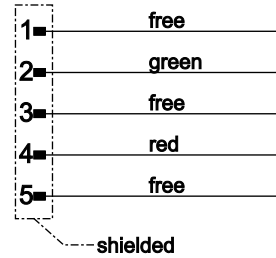
1/2

Data Sheet



M12 Socket

Pin assignment



Description	Item no.	Pack. unit pcs																																												
PROFIBUS cable, with one end of cable fitted, B coded																																														
M12 plug, right angle, one free cable end, 2.0 m	756-1104/0060-0020	1																																												
M12 plug, right angle, one free cable end, 5.0 m	756-1104/0060-0050	1																																												
M12 plug, right angle, one free cable end, 10.0 m	756-1104/0060-0100	1																																												
M12 plug, right angle, one free cable end, 20.0 m	756-1104/0060-0200	1																																												
Special lengths on request																																														
Short description:	Technical data																																													
<ul style="list-style-type: none"> PUR, halogen-free Suitable for drag chains Free of silicon and PVC Good resistance to microbes, hydrolysis, oil, ozone and UV radiation. Good chemical resistance. 	<p>General</p> <table border="1"> <tr><td>Operating voltage</td><td>≤ 300 V</td></tr> <tr><td>Operating current</td><td>4 A acc. to IEC 60512-3</td></tr> <tr><td>Rated surge voltage</td><td>≥ 2 kV</td></tr> <tr><td>Insulation resistance</td><td>> 2500 MΩ/km</td></tr> <tr><td>Loop resistance</td><td>max. 110 Ω/km</td></tr> <tr><td>Contact resistance</td><td>max. 55 Ω/km</td></tr> <tr><td>Attenuation</td><td>≤ 43.60 dB/km, 16 MHz</td></tr> <tr><td>Inductance per unit length</td><td>0.78 mH/km</td></tr> <tr><td>Surge impedance</td><td>160 Ω ±10 %, 16 MHz</td></tr> <tr><td>Pollution degree</td><td>3/2 acc. to IEC 60664-1</td></tr> <tr><td>Degree of protection</td><td>IP67 acc. to IEC 60529</td></tr> <tr><td>Operating temperature</td><td>-25 °C...+60 °C (moving) -50 °C...+80 °C (static)</td></tr> <tr><td>Other characteristics</td><td>UV resistant acc. to UL 1581 Sec. 1200 (720 h Xenon exposure)</td></tr> </table> <p>Drag chain</p> <table border="1"> <tr><td>Drag chain suitability</td><td>> 5 x cable Ø (fixed installation)</td></tr> <tr><td>Bending radius</td><td>> 10 x cable Ø (flexible application)</td></tr> <tr><td>Bending cycles</td><td>> 1 million</td></tr> <tr><td>Acceleration</td><td>max. 5 m/s²</td></tr> <tr><td>Traversing rate</td><td>max. 5 m/s</td></tr> <tr><td>Traverse path</td><td>max. 5 m horizontal / max. 2 m vertical</td></tr> </table> <p>Cable</p> <table border="1"> <tr><td>Type code</td><td>LI02YS-(ST)CB11Y 1X(2X0,34SQMM)</td></tr> <tr><td>Note</td><td>Construction acc. to UL UL US AWM Style 20549 I/II A/B 80C 300V FT2</td></tr> <tr><td>Shield foil</td><td>AL-PT</td></tr> </table>		Operating voltage	≤ 300 V	Operating current	4 A acc. to IEC 60512-3	Rated surge voltage	≥ 2 kV	Insulation resistance	> 2500 MΩ/km	Loop resistance	max. 110 Ω/km	Contact resistance	max. 55 Ω/km	Attenuation	≤ 43.60 dB/km, 16 MHz	Inductance per unit length	0.78 mH/km	Surge impedance	160 Ω ±10 %, 16 MHz	Pollution degree	3/2 acc. to IEC 60664-1	Degree of protection	IP67 acc. to IEC 60529	Operating temperature	-25 °C...+60 °C (moving) -50 °C...+80 °C (static)	Other characteristics	UV resistant acc. to UL 1581 Sec. 1200 (720 h Xenon exposure)	Drag chain suitability	> 5 x cable Ø (fixed installation)	Bending radius	> 10 x cable Ø (flexible application)	Bending cycles	> 1 million	Acceleration	max. 5 m/s ²	Traversing rate	max. 5 m/s	Traverse path	max. 5 m horizontal / max. 2 m vertical	Type code	LI02YS-(ST)CB11Y 1X(2X0,34SQMM)	Note	Construction acc. to UL UL US AWM Style 20549 I/II A/B 80C 300V FT2	Shield foil	AL-PT
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PROFIBUS Cable

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Data Sheet



Technical data (continued)

Overall shield	Screening braid (app. Ø 5.90 mm) tinned CU-ETP1, 85 % ± 5 % coverage
Conductor	Bare CU braid (19 x 0.15 mm)
Insulation	Halogen-free PE
Filler	PP-Yarn
Outer jacket	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	Ø 7.6 mm ± 0.3
Cable surface	free of antifriction agents and lubricants
Connector	
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