

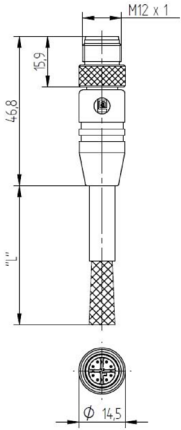
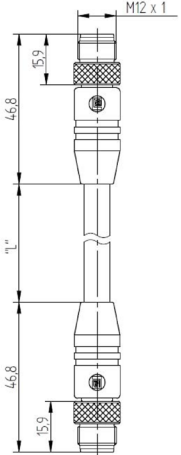
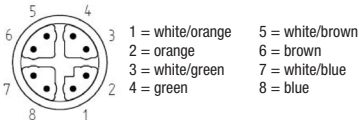




## Gigabit Shielded Industrial-Ethernet M12 Cord Sets

Rail-approved versions

Type	BRSTS 8X-552/... M		BRSTS 8X-BRSTS 8X-552/... M									
												
Product description	Ethernet Gigabit Cord set, single ended M12 male connector with molded cable, X-coded, supports transfer rates up to 10 Gigabit, 360° shielding connected to knurled screw, 2M, 5M, 10M and 15M cable lengths. Connectors comply with international railway standards		Ethernet Gigabit Cord set, double ended M12 male connector with molded cable, X-coded, supports transfer rates up to 10 Gigabit, 360° shielding connected to knurled screw, 2M, 5M, 10M and 15M cable lengths. Connectors comply with international railway standards									
Standards			IEC 61076-2-109 Control Cable: <ul style="list-style-type: none"> <li>• ISO/IEC 11801 Cat 7</li> <li>• EN 50173-1</li> <li>• DIN 5510-2, EN 45545-2</li> <li>• TIA/EIA-568-B.2 (May 2001)</li> </ul>									
Approvals	DIN EN 50155 (in accordance), DIN EN 45545-2, DIN EN 50467, DIN EN 61373											
Ordering information	<b>Part number</b>	<b>Order number</b>	<b>Part number</b>	<b>Order number</b>								
	BRSTS 8X-552/2 M	934809009	BRSTS 8X-BRSTS 8X-552/2 M	934809013								
	BRSTS 8X-552/5 M	934809010	BRSTS 8X-BRSTS 8X-552/5 M	934809014								
	BRSTS 8X-552/10 M	934809011	BRSTS 8X-BRSTS 8X-552/10 M	934809015								
	BRSTS 8X-552/15 M	934809012	BRSTS 8X-BRSTS 8X-552/15 M	934809016								
Technical illustration	M12		M12 to M12									
												
Pin Assignment	<div style="display: flex; align-items: center; justify-content: center;">  <div style="margin-left: 20px;"> <table border="0"> <tr> <td>1 = white/orange</td> <td>5 = white/brown</td> </tr> <tr> <td>2 = orange</td> <td>6 = brown</td> </tr> <tr> <td>3 = white/green</td> <td>7 = white/blue</td> </tr> <tr> <td>4 = green</td> <td>8 = blue</td> </tr> </table> </div> </div>				1 = white/orange	5 = white/brown	2 = orange	6 = brown	3 = white/green	7 = white/blue	4 = green	8 = blue
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Rail-approved versions

Environmental conditions	BRSTS 8X-552/... M	BRSTS 8X-BRSTS 8X-552/... M
Degree of protection (IP), mounted		IP 67
Environmental temperature		-40°C to +85°C
Pollution degree		3 acc. to DIN EN 60664-1 (VDE 0110)
<b>Mechanical data</b>		
Type of plug-in contact		Male
Design of housing		Straight
Thread		M12
Coding		X
<b>Materials</b>		
Housing material / Molded body		PA, Black
Contact bearer		PA, Black
Contact		CuZn
Contact plating		Cu/Au
Knurled nut		CuZn, surface: nickel-plated
Shielding sleeve		die casting, surface: tin-plated
<b>Approvals</b>		
Approvals		EN 50155, IEC 61373, DIN 454, E DIN EN 61076-2-109
RoHS 2002/95 EG compliant		yes
<b>Cable specifications</b>		
Cable jacket		X-FRNC/LSNH jacket, halogen-free
Color		Blue
<b>Electrical data</b>		
Rated voltage		48 V
Rated current		0.5 A at 40°C
Rated impulse voltage		1.5 kV
Pollution degree		3 acc. to DIN EN 60664-1 (VDE 0110)
Contact resistance		≤ 5 mΩ
<b>Characteristics</b>		
		  

The application of these products in harsh environments should always be checked before use.  
 Specifications subject to alteration.