

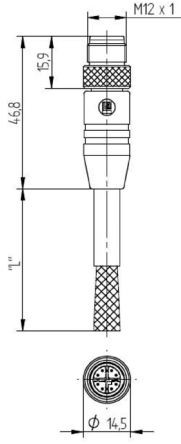
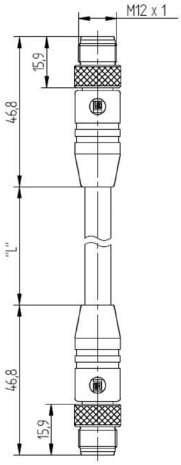
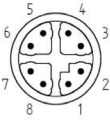




## Gigabit Shielded Industrial-Ethernet M12 Cord Sets

UL approved versions

Type	RSTS 8X-478/... M	RSTS 8X-RSTS 8X-478/... 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.	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.		
Standards	IEC 61076-2-109 Control Cable: • ISO/IEC 11801 Cat 7 • EN 50173-1 • TIA/EIA-568-B.2 (May 2001)			
Approvals	UL DUXR *			
Ordering information	Part number	Order number	Part number	Order number
	RSTS 8X-478/2 M	934809001	RSTS 8X-RSTS 8X-478/2 M	934809005
	RSTS 8X-478/5 M	934809002	RSTS 8X-RSTS 8X-478/5 M	934809006
	RSTS 8X-478/10 M	934809003	RSTS 8X-RSTS 8X-478/10 M	934809007
	RSTS 8X-478/15 M	934809004	RSTS 8X-RSTS 8X-478/15 M	934809008
Technical illustration	M12	M12 to M12		
				
Pin Assignment	 <ul style="list-style-type: none"> <li>1 = white/orange</li> <li>2 = orange</li> <li>3 = white/green</li> <li>4 = green</li> <li>5 = white/brown</li> <li>6 = brown</li> <li>7 = white/blue</li> <li>8 = blue</li> </ul>			

\* Pending

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Environmental conditions	RSTS 8X-478/... M	RSTS 8X-RSTS 8X-478/...M
Degree of protection (IP), mounted		IP 67
Environmental temperature		-40 °C to +80 °C
<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		UL DUXR *
RoHS 2002/95 EG compliant		yes
<b>Cable specifications</b>		
Cable jacket		PUR 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
Polution degree		3 acc. to DIN EN 60664-1 (VDE 0110)
Contact resistance		≤ 5 mΩ
<b>Characteristics</b>		
		*   

\* Pending

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