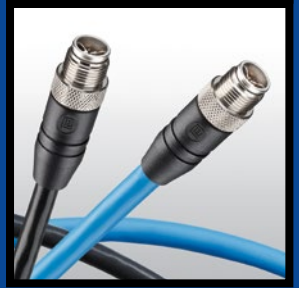
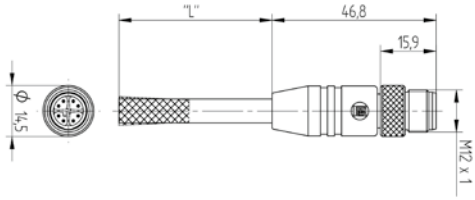
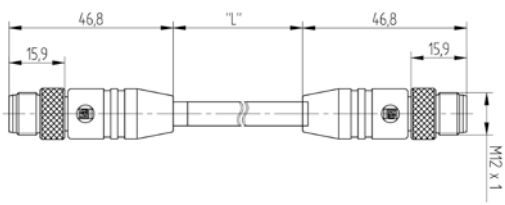
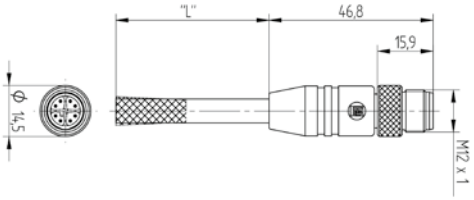
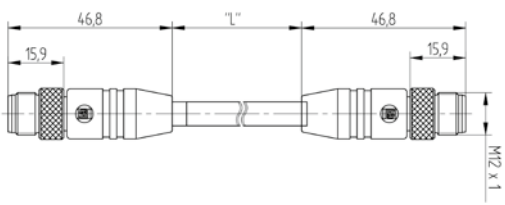
lumbergautomation
A BELDEN BRAND



Technical Information

Product Description		
Type	**RSTS 8X-478/...M** **RSTS 8X-RSTS 8X-478/...M**	**BRSTS 8X-552/...M** **BRSTS 8X-BRSTS 8X-552/...M**
		
Description	Cat 6a overmolded cord sets, single-ended and double-ended for Industrial Ethernet Gigabit applications, with M12 male connector, X-coded, supports transfer rates up to 10 Gigabit, 360° shielding connected to knurled screw, 8 poles – UL approved version –	Cat 6a overmolded cord sets, single-ended and double-ended for Industrial Ethernet Gigabit applications, with M12 male connector, X-coded, supports transfer rates up to 10 Gigabit, 360° shielding connected to knurled screw, 8 poles – Rail-approved version –
RoHS (2011/65/EU)	yes	
Standards	IEC 61076-2-109 Control Cable: • ISO/IEC 11801 Cat 7 • EN 50173-1 • TIA/EIA-568-B.2 (May 2001)	IEC 61076-2-109 Control Cable: • ISO/IEC 11801 Cat 7 • EN 50173-1 • DIN 5510-2, EN 45545-2 • TIA/EIA-568-B.2 (May 2001)
Approvals	UL*	DIN EN 50155 (in accordance), DIN EN 45545-2, DIN EN 50467, DIN EN 61373
Technical Data		
Environmental Temperature	-40 °C to +80 °C	-40 °C to +85 °C
Housing Material	PA	
Contact Bearer Material	PA	
Contact Material, Surface Refinement	CuZn, Cu/Au	
Knurled Screw/Nut Material	CuZn, nickel-plated	
Mechanical Data		
Degree of Protection (IP), Mounted	IP67 (Only in properly locked position with suitable counterpart)	
Electrical Data		
Contact Resistance	≤ 5 mΩ	
Rated Voltage	48 V	
Rated Current In	0.5 A	
Pollution Degree	3 acc. to DIN EN 60664-1 (VDE 0110)	
Technical Drawing		
Pin Assignment  M12, Male 8 poles X-coded 1 = White-orange 2 = Orange 3 = White-green 4 = Green 5 = White-brown 6 = Brown 7 = White-blue 8 = Blue	RSTS 8X-478/...M  RSTS 8X-RSTS 8X-478/...M  	BRSTS 8X-552/...M  BRSTS 8X-BRSTS 8X-552/...M 

* Pending UL-approved version (RSTS 8X) available in near future.
The application of these products in harsh environments should always be checked before use.

Order Information

Order No.	Type	No. of Contacts	Outer Jacket	Characteristics
934809001	RSTS 8X-478/2 M	8	PUR jacket, halogen-free, black	UL*
934809002	RSTS 8X-478/5 M	8	PUR jacket, halogen-free, black	
934809003	RSTS 8X-478/10 M	8	PUR jacket, halogen-free, black	
934809004	RSTS 8X-478/15 M	8	PUR jacket, halogen-free, black	
934809005	RSTS 8X-RSTS 8X-478/2 M	8	PUR jacket, halogen-free, black	UL*
934809006	RSTS 8X-RSTS 8X-478/5 M	8	PUR jacket, halogen-free, black	
934809007	RSTS 8X-RSTS 8X-478/10 M	8	PUR jacket, halogen-free, black	
934809008	RSTS 8X-RSTS 8X-478/15 M	8	PUR jacket, halogen-free, black	
934809009	BRSTS 8X-552/2 M	8	X-FRNC/LSNH jacket, halogen-free, blue	RAIL
934809010	BRSTS 8X-552/5 M	8	X-FRNC/LSNH jacket, halogen-free, blue	
934809011	BRSTS 8X-552/10 M	8	X-FRNC/LSNH jacket, halogen-free, blue	
934809012	BRSTS 8X-552/15 M	8	X-FRNC/LSNH jacket, halogen-free, blue	
934809013	BRSTS 8X-BRSTS 8X-552/2 M	8	X-FRNC/LSNH jacket, halogen-free, blue	RAIL
934809014	BRSTS 8X-BRSTS 8X-552/5 M	8	X-FRNC/LSNH jacket, halogen-free, blue	
934809015	BRSTS 8X-BRSTS 8X-552/10 M	8	X-FRNC/LSNH jacket, halogen-free, blue	
934809016	BRSTS 8X-BRSTS 8X-552/15 M	8	X-FRNC/LSNH jacket, halogen-free, blue	

* Pending UL-approved version (RSTS 8X) available in near future.

Product information
0986 EMC 600

Industrial Connecting Solutions:I/O Modules:I/O Modules Activ - Stand Alone:Industrial Ethernet:Accessories:Attachable Connectors:0986 EMC 600

https://www.e-catalog.beldensolutions.com:443/link/57078-24228-255441-219791-247858-277551-247867-277307/en/conf/uistate

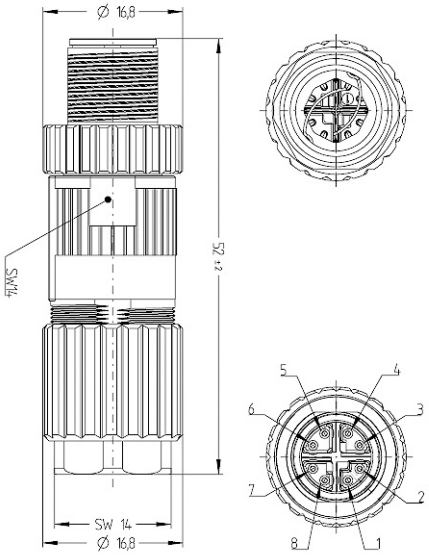
Name	0986 EMC 600
	
	Field attachable connector, M12 male connector, with threaded joint, shieldable, assembling with insulation displacement connection, 8 poles X coded
Delivery informations	
Availability	available
Product description	
Type	0986 EMC 600
Order No.	934 637-032
Description	Field attachable connector, M12 male connector, with threaded joint, shieldable, assembling with insulation displacement connection, 8 poles X coded
Note	The application of these products in harsh environments should always be checked before use.
Color of housing	silver
Number of contacts	8
Product characteristics	EMC resistance
Classification	
Belden class	Attachable Connectors
Belden brand	Lumberg-Automation
Mechanical data	
Type of plug-in contact	Male connector
Design of housing	straight
Thread	M12
Design of electrical connection	IDC method of termination
Coding of the M12 round plug connector	X
Environmental conditions	
Environmental temperature	-25 °C ... 85 °C
Degree of protection (IP), mounted	IP67
Pollution degree	3
Materials	
Housing material / Molded body	Zinc diecasting, nickel-plated
Contact bearer material	PA
Contact material	CuZn
Contact material - Surface refinement	gold-plated
Knurled screw / nut material	CuZn, zinc diecasting
Approvals	
RoHS 2002/95/EG compliant	yes
Electrical data	
Rated current In	0.5 A at 40°C
Nominal voltage	48 V
Insulation resistance	> 1 GΩ

Industrial Connecting Solutions:I/O Modules:I/O Modules Activ - Stand Alone:Industrial Ethernet:Accessories:Attachable Connectors:0986 EMC 600

https://www.e-catalog.beldensolutions.com:443/link/57078-24228-255441-219791-247858-277551-247867-277307/en/conf/uistate

Picture

Drawing



Product information
0986 EFC 651

Industrial Connecting Solutions:I/O Modules:I/O Modules Activ - Stand Alone:Industrial Ethernet:Accessories:Receptacle Connectors:0986 EFC 651

https://www.e-catalog.beldensolutions.com:443/link/57078-24228-255441-219791-247858-277551-247868-277355/en/conf/uistate

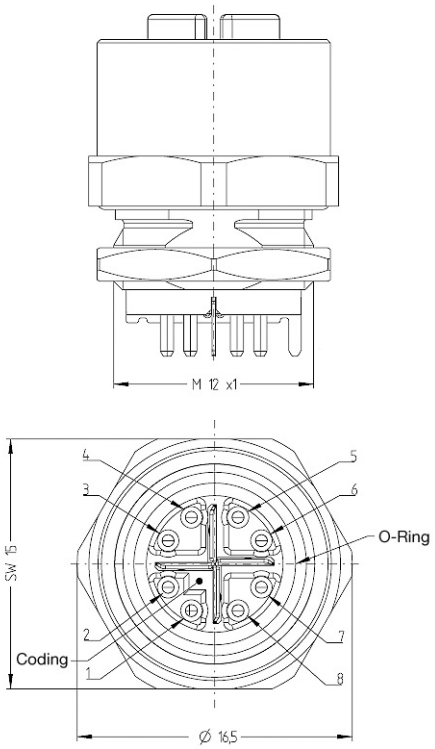
Name	0986 EFC 651
	
	Receptacle connector, M12 female connector for front mounting, assembling with Printed contacts, 8 poles X coded
Delivery informations	
Availability	available
Product description	
Type	0986 EFC 651
Order No.	on request / auf Anfrage
Description	Receptacle connector, M12 female connector for front mounting, assembling with Printed contacts, 8 poles X coded
Note	The application of these products in harsh environments should always be checked before use.
Number of contacts	8
Product characteristics	EMC resistance
Classification	
Belden class	Receptacle Connectors
Belden brand	Lumberg-Automation
Mechanical data	
Type of plug-in contact	Female connector
Thread	M12
Design of electrical connection	print connection
Environmental conditions	
Environmental temperature	-25 °C ... 85 °C
Degree of protection (IP), mounted	IP67
Pollution degree	3
Materials	
Housing material / Molded body	CuZn, nickel-plated
Contact bearer material	PA
Contact material	CuZn
Contact material - Surface refinement	gold-plated
Knurled screw / nut material	CuZn, nickel-plated
Sealing material	FKM
Approvals	
RoHS 2002/95/EG compliant	yes
Electrical data	
Rated current In	0.5 A at 40°C
Nominal voltage	48 V
Insulation resistance	> 1 GΩ

Industrial Connecting Solutions:I/O Modules:I/O Modules Activ - Stand Alone:Industrial Ethernet:Accessories:Receptacle Connectors:0986 EFC 651

https://www.e-catalog.beldensolutions.com:443/link/57078-24228-255441-219791-247858-277551-247868-277355/en/conf/uistate

Picture

Drawing



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