



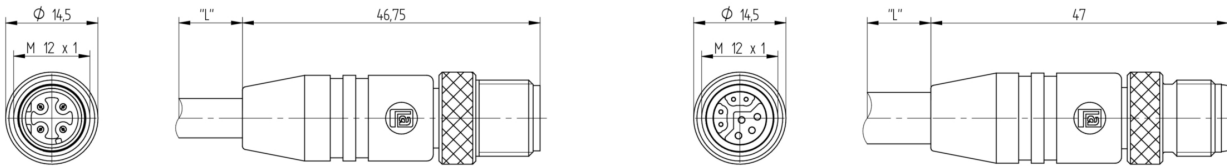
Product: [RSTS 4D-RSTS 8Y-484](#)

Fast Ethernet Cat5e Data Double-Ended Cordset: Male straight D-coded green M12 Standard to male straight Y-coded green M12 Hybrid, shielded, 50 V AC/ DC, 0.5 A; PUR black cable, 4-wires, 2x2x0.14 mm²

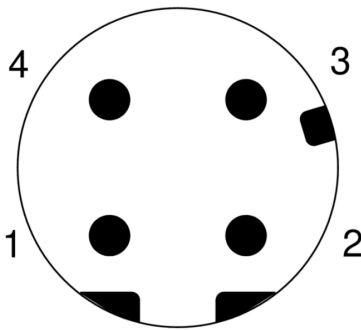
Product Description

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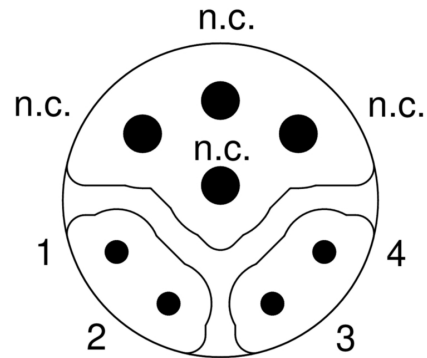
Technical Drawing



Male



Male



Technical Specifications

Face View Side 1

Pin 1	Pin 2	Pin 3	Pin 4
white-orange	white-blue	orange	blue

Face View Side 2

Pin 1	Pin 2	Pin 3	Pin 4	Pin 5	Pin 6	Pin 7	Pin 8
white-orange	orange	white-blue	blue	n.c.	n.c.	n.c.	n.c.

Product Description

Product Family:	Data Connectors
Brand:	Lumberg Automation
Connector Type:	Cordset, double ended
Shielding:	Shielded
Rated Voltage:	50 V
Rated Voltage (UL):	30 V AC / 50 V DC
Rated Impulse Voltage:	0.8 kV
Operating Voltage:	50 V AC/ DC
Rated Current*:	0.5 A
Rated Current (UL)*:	0.5 A
Data Transmission:	Fast Ethernet Cat5e
Data Transmission Rate:	100 Mbit/s

Technical Data Side 1

Product Sub Family:	M12 Standard
Type of Contact / Gender:	Male
Connector Design:	Straight
Attachment Type:	Coupling Screw
Number of Pins:	4
Coding:	D
Contact Resistance:	≤ 10 mOhm
Insulation Resistance:	> 10 ⁹ Ohm
Mating Cycles:	≤ 100
Ambient Temperature (Operation)*:	- 40 °C - + 90 °C
Operating Temperature (UL):	max. + 55 °C
Protection Degree / IP Rating**:	IP65, IP67, IP69K
Design Standard:	IEC 61076-2-101
Pollution Degree:	3 acc. to DIN EN 60664-1 (VDE 0110-1)
Overvoltage Category:	III acc. to DIN EN 60664-1 (VDE 0110-1)
Contact Base Material:	CuSn
Contact Plating:	Cu/Au
Contact Bearer Material:	PA
Contact Bearer Color:	Black
Flammability Class (Contact Bearer):	UL 94 V-0
Molded Body Material:	TPU
Molded Body Color:	Green
Flammability Class (Molded Body):	UL 94 HB
Attachment Material:	CuZn
Attachment Plating:	Nickel-plated
Shielding Material:	CuZn, tin-plated
Fastening Torque (Attachment):	M 12x1: (50-60) Ncm, hand-tight
Note:	Do not connect or disconnect under load.

Cable Data

Cable Number:	484
Conductor Size:	2x2x0.14 mm ²
Number of Wires:	4
Minimal Bending Radius (Fixed Inst):	> 25 mm
Conductor material:	Stranded PACW
Cable Jacket Material:	PUR
Cable Jacket Color:	black
Cable Diameter D:	ø 6.0 ±0.20 mm
Wire Insulation Material:	PP
Insulated Wire Diameter:	ø 0.98 ±0.05 mm
Overall Shield (Cable):	Cu-ETP1 tinned

Element Shield:	tinned copper screen
Foil shield:	Al-PT Foil
Ambient Temperature (Fixed Installation):	- 40 °C - + 90 °C (UL: + 80 °C)
Ambient Temperature (Flex Installation):	0 °C - +50 °C
UL Cable Type:	AWM: 20549
Flammability Class (Cable Jacket):	FT-2
Cable Characteristics:	Exclusion of dangerous materials; Exclusion of PVC and Silicone
Core Colors:	Twisted pairs: white-blue & blue, white-orange & orange

Technical Data Side 2

Product Sub Family, Side 2:	M12 Hybrid
Type of Contact / Gender, Side 2:	Male
Connector Design, Side 2:	Straight
Attachment Type, Side 2:	Coupling Screw
Number of Pins, Side 2:	8
Coding, Side 2:	Y
Contact Resistance, Side 2:	≤ 10 mOhm
Insulation Resistance, Side 2:	> 10 ⁹ Ohm
Mating Cycles, Side 2:	≤ 100
Ambient Temperature (Operation), Side 2*:	- 40 °C - + 90 °C
Operating Temperature (UL), Side 2:	max. + 55 °C
Protection Degree / IP Rating, Side 2**:	IP65, IP67, IP69K
Design Standard, Side 2:	IEC 61076-2-113
Pollution Degree, Side 2:	3 acc. to DIN EN 60664-1 (VDE 0110-1)
Overvoltage Category, Side 2:	III acc. to DIN EN 60664-1 (VDE 0110-1)
Contact Base Material, Side 2:	CuZn
Contact Plating, Side 2:	Cu/Au
Contact Bearer Material, Side 2:	PBT-GF
Contact Bearer Color, Side 2:	Black
Flammability Class (Contact Bearer), Side 2:	Data: UL 94 V-2 + Power: UL 94 V-0
Molded Body Material, Side 2:	TPU
Molded Body Color, Side 2:	Green
Flammability Class (Molded Body), Side 2:	UL 94 HB
Attachment Material, Side 2:	CuZn
Attachment Plating, Side 2:	Nickel-plated
Shielding Material, Side 2:	GD-Zn, nickel-plated
Fastening Torque (Attachment), Side 2:	M 12x1: (50-60) Ncm, hand-tight

Approvals

UL-File:	E469096
UL:	UL 1863; cULus

Safety & Environmental Compliance

RoHS Compliant:	yes
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Resistances

Halogenfree:	IEC 60754-1
Oil Resistance:	IEC 60811-2-1

Notes

Protection Degree / IP Rating Note:	** only if mounted and locked in combination with Hirschmann / Lumberg Automation connector.
Note Derating:	Notice derating

History

Update and Revision:	Revision Number: 0.46 Revision Date: 01-19-2023
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Variants

Item #	Item Description	Cable Length
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934967001	RSTS 4D-RSTS 8Y-484/0,3 M	0.3 m
934967002	RSTS 4D-RSTS 8Y-484/0,6 M	0.6 m
934967003	RSTS 4D-RSTS 8Y-484/1 M	1 m
934967004	RSTS 4D-RSTS 8Y-484/2 M	2 m
934967005	RSTS 4D-RSTS 8Y-484/3 M	3 m
934967006	RSTS 4D-RSTS 8Y-484/5 M	5 m
934967007	RSTS 4D-RSTS 8Y-484/10 M	10 m
934967008	RSTS 4D-RSTS 8Y-484/15 M	15 m

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