




**Product information**

**0985 508 121 - 0985 508 121/5 M  
934688008**

<b>Name</b>	
0985 508 121	
Cord set, double-ended, M12-M12, Industrial Ethernet data cable, Cat 5 (ProfiNet), double-ended molded with M12 male connectors, 4 poles, D coding, PUR jacket, halogen-free, black, 5 meter.	
<b>Delivery informations</b>	
<b>Availability</b>	available
<b>Product description</b>	
<b>Type</b>	0985 508 121/5 M
<b>Order No.</b>	934 688-008
<b>Description</b>	Cord set, double-ended, M12-M12, Industrial Ethernet data cable, Cat 5 (ProfiNet), double-ended molded with M12 male connectors, 4 poles, D coding, PUR jacket, halogen-free, black, 5 meter.
<b>Note</b>	Cat 5 and Cat 5e transmission properties according to ISO IEC 11801 and TIA/EIA-568-B.2. The application of these products in harsh environments should always be checked before use.
<b>Color of housing</b>	black
<b>Number of contacts</b>	4
<b>Product characteristics</b>	Oil resistance, EMC resistance, UV resistance, Drag chains suitable
<b>Classification</b>	
<b>Belden class</b>	Industrial Ethernet Railway Connectors
<b>Belden brand</b>	Lumberg-Automation
<b>Mechanical data</b>	
<b>Type of plug-in contact</b>	Male connector
<b>Type of plug-in contact, side 2</b>	Male connector
<b>Design of housing</b>	straight
<b>Design of housing, side 2</b>	straight
<b>Thread</b>	M12
<b>Thread, side 2</b>	M12
<b>Coding of the M12 round plug connector</b>	D
<b>Environmental conditions</b>	
<b>Environmental temperature</b>	-40 °C ... 85 °C
<b>Degree of protection (IP), mounted</b>	IP67
<b>Pollution degree</b>	3
<b>Materials</b>	
<b>Housing material / Molded body</b>	PA
<b>Contact bearer material</b>	PBT
<b>Contact material</b>	CuSn
<b>Contact material - Surface refinement</b>	gold-plated
<b>Knurled screw / nut material</b>	CuZn, nickel-plated
<b>Approvals</b>	
<b>Approvals</b>	EN 50155, IEC 61373, DIN CLC/TS 50467, DIN CEN/TS 45545, DIN 5510
<b>RoHS 2002/95/EG compliant</b>	yes
<b>Electrical data</b>	
<b>Contact resistance</b>	≤ 5 mΩ
<b>Rated current I<sub>n</sub></b>	4 A at 40°C
<b>Nominal voltage</b>	60 V
<b>Rated voltage</b>	250 V
<b>Test voltage</b>	2 kV eff./60 s
<b>Insulation resistance</b>	> 1 GΩ

The information published has been compiled as carefully as possible. It is subject to alteration without notice in technical as well as in price related/commercial respect.



Cable	
Cable length	5 m
Cable number	508
Cable description	Bus cable
Color of jacket	black
Material of outer jacket	PUR
Without halogens as in EN 50267-2-3	✓

Picture

Drawing

