



Product information

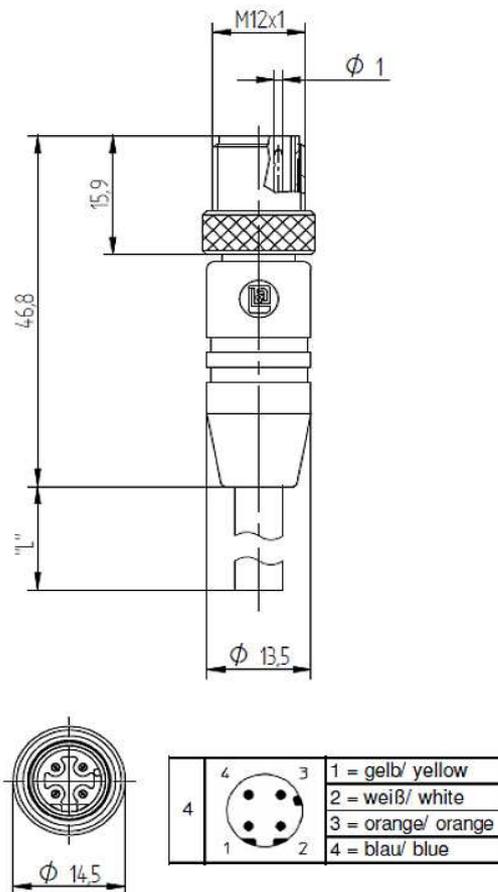
**0985 342 100/...M - 0985 342 100/3 M
68412**

Name	
0985 342 100/...M	
	
Cord set, double-ended, M12-M12, Industrial Ethernet Data cable according to ProfiNet type C, molded on both sides with M12 male connectors, D coded according to IEC 61076-2-101, 4 poles, PUR jacket, halogen-free, shielded, green, 3 meter.	
Delivery informations	
Availability	available
Product description	
Type	0985 342 100/3 M
Order No.	68412
Description	Cord set, double-ended, M12-M12, Industrial Ethernet Data cable according to ProfiNet type C, molded on both sides with M12 male connectors, D coded according to IEC 61076-2-101, 4 poles, PUR jacket, halogen-free, shielded, green, 3 meter.
Note	The application of these products in harsh environments should always be checked before use.
Color of housing	black
Number of contacts	4
Product characteristics	Oil resistance
Classification	
Belden class	Industrial Ethernet Data Cables
Belden brand	Lumberg-Automation
Mechanical data	
Type of plug-in contact	Male connector
Type of plug-in contact, side 2	Male connector
Design of housing	straight
Design of housing, side 2	straight
Thread	M12
Coding of the M12 round plug connector	D
Environmental conditions	
Environmental temperature	-25 °C ... 80 °C
Environmental temperature (explanation)	Derating to be observed
Degree of protection (IP), mounted	IP67
Pollution degree	3
Materials	
Housing material / Molded body	TPU
Contact bearer material	TPU
Contact material	CuSn
Contact material - Surface refinement	gold-plated
Knurled screw / nut material	CuZn, nickel-plated
Shield sleeve material	CuZn, tined
Approvals	
RoHS 2002/95/EG compliant	yes
Electrical data	
Contact resistance	≤ 5 mΩ
Rated current In	4 A at 40°C, Derating to be observed
Nominal voltage	60 V
Rated voltage	250 V
Test voltage	2.5 kV eff./60 s
Insulation resistance	> 1 GΩ



Cable	
Cable number	342
Cable description	Bus cable Industrial Ethernet, ProfiNet type C standard
Color of jacket	green
Material of outer jacket	PUR
Without halogens as in EN 50267-2-3	✓
shielded	✓
welding spark proof	✗
Outer diameter of the cable	6.2 mm
Number of conductors	4
Cable design	4 x 0.38 mm ² (AWG 22)
Conductor design	19 x Ø 0.16 mm

Picture
Drawing



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