Cordsets M12

Industrial Ethernet data cordset, shielded, with overmolded connectors

Cable end 1:

M12 male, straight, D-coded, IP67, shielding connected via knurled screw
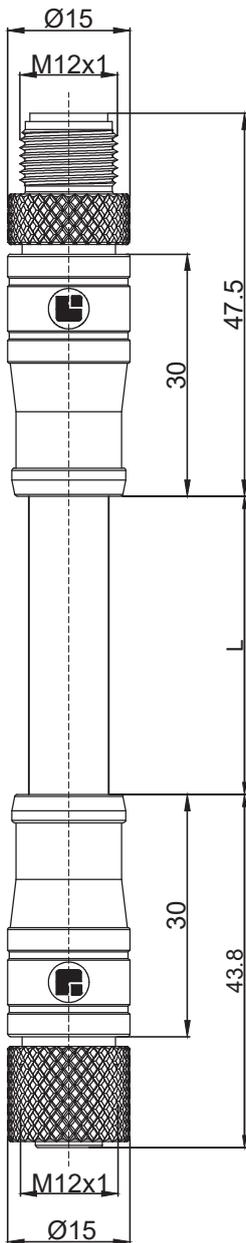
Cable end 2:

M12 female, straight, D-coded, IP67, shielding connected via knurled nut

Cable:

Industrial Ethernet, Cat 5e, Profinet Type C,
PUR, shielded, green

Environmental conditions

Temperature range	-25 °C/+80 °C

Materials

Insulating body	TPU GF, HB according to UL94
Contact pin	CuZn, pre-nickel and gold-plated
Overmolding/handle	PUR
Knurled screw	CuZn, nickel-plated

Mechanical data

Mating cycles	≥ 100
Insertion force	≤ 23 N [1]
Withdrawal force	≤ 23 N [1]
Protection class	IP67 [2]

[1] measured with a proper counterpart
[2] according to IEC DIN EN 60529, only in locked condition with an appropriate counterpart

Connected cable

Construction	Industrial Ethernet, Cat 5e, Profinet Type C
Outer jacket	PUR, green

Electrical data (at T_{amb} 20 °C)

Contact resistance	≤ 5 mΩ
Rated current	4 A
Rated voltage	60 V DC (with pollution degree 3)
Rated impulse voltage	1500 V
Material group	I (IEC)/0 (UL) (CTI = 600)
Overvoltage category	III
Insulation resistance	> 100 MΩ

Associated products

Counterparts
- 1210 ...D S9 7...
- 1210 1210 ...D S9 7...
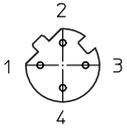- 1210 1221 ...D S9 T16 7...
- 1220 ...D T16CW ...
- 1221 ...D T9CP
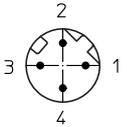
Accessories
- 9912 CPF0
- 9912 CPM0

M12   **1210 1200 ...D S9 7...**

Pin assignments for female M12 connectors, D-coded, front view

4 pole
1   yellow
2   white
3   orange
4   blue

Pin assignments for male M12 connectors, D-coded, front view

4 pole
1   yellow
2   white
3   orange
4   blue

![Lutronic - passion for connections]

M12 **1210 1200 ...D S9 7...**

Designation	Pole Number	Connected Cable	PU (Pieces)	MDQ (Pieces)	Dimensions L (mm)
1210 1200 04D S9 715 0,6m	4	PUR, green, 4 x 0.34 mm² (AWG 22), Industrial Ethernet, Cat 5e, Profinet Type C, shielded 910715, UL-style 20233	5	10	600
1210 1200 04D S9 715 1,5m	4	PUR, green, 4 x 0.34 mm² (AWG 22), Industrial Ethernet, Cat 5e, Profinet Type C, shielded 910715, UL-style 20233	5	10	1500
1210 1200 04D S9 715 3m	4	PUR, green, 4 x 0.34 mm² (AWG 22), Industrial Ethernet, Cat 5e, Profinet Type C, shielded 910715, UL-style 20233	1	10	3000

Packaging:
in a plastic bag