M12 1210 1210 ...D S9 7...

Cordsets M12

Industrial Ethernet data cordset, shielded, with overmolded connectors

Cable end 1:

M12 male, straight, D-coded, IP67, shielding connected via knurled screw

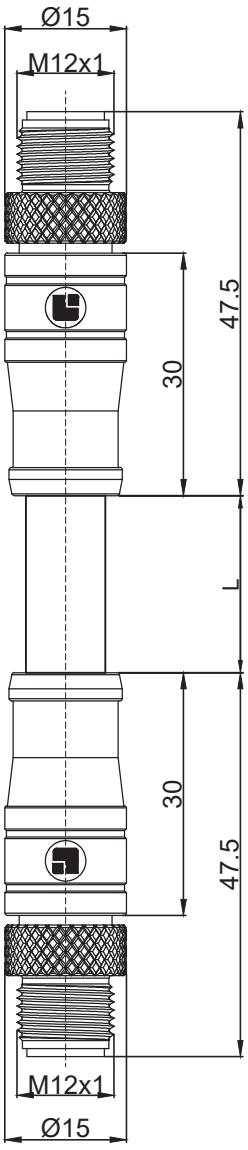
Cable end 2:

M12 male, straight, D-coded, IP67, shielding connected via knurled screw

Cable:

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

M12 1210 1210 ...D S9 7...



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

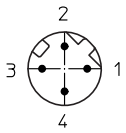
Counterparts

1210 1200 ...D S9 7... 1210 1221 ...D S9 T16 7... 1220 ...D T16CW ... 1221 ...D T9CP

Accessories

9912 CPM0

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



4 pole

1 yellow
2 white
3 orange
4 blue

M12 1210 1210 ...D S9 7...

Designation	Pole Number	Connected Cable	PU (Pieces)	MDQ (Pieces)	Dimensions L (mm)
1210 1210 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 1210 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 1210 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