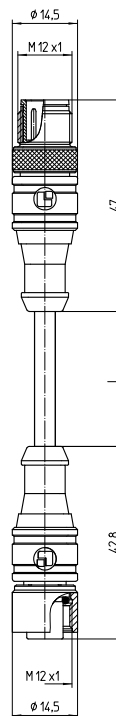


M12

1210 1200 ... 3...

Actuator/sensor cordset **PUR**
Double-ended with male and female connector
Threaded joint, IP67

CE US [pending]



M12 actuator/sensor cordset with overmolded connectors, with self-locking threaded joint, IP 67

Cable end 1: M12 male connector, straight, A-coded

Cable end 2: M12 female connector, straight, A-coded

Cable: PUR, black

Pin Assignment

4 pole, male



1 = brown
2 = white
3 = blue
4 = black

4 pole, female



5 pole, male



1 = brown
2 = white
3 = blue
4 = black
5 = green/yellow

5 pole, female





Ambient Conditions

Temperature Range -25 °C/+80 °C

Materials

Insulating body TPU GF, HB according to UL 94
 Contact bush/contact pin CuZn, pre-nickel and gold-plated
 Overmolding/handle TPU, halogen-free
 Knurled screw/Knurled nut CuZn, nickel-plated
 Seal FKM

Mechanical Data

Insertion force¹ ≤ 10 N
 Withdrawal force¹ ≤ 15 N
 Mating cycles ≥ 100
 Protection degree² IP67
 Mating connectors M12 male/female connectors according to IEC 61076-2-101

Connected Cable³

Cable jacket PUR
 Cable no. 910301 (4 x 0.34 mm²)
 910302 (5 x 0.34 mm²)
 UL style 20549

Electrical Data (at T_{amb} 20 °C)

Contact resistance¹ ≤ 10 mΩ
 Rated current at T_{amb} 40 °C 4 A
 Rated voltage 250 V AC/DC (4 pole)
 60 V AC/DC (5 pole)
 Rated impulse voltage 2.50 kV (4 pole)
 1.50 kV (5 pole)
 Material group I (IEC)/0 (UL) (CTI=600)
 Pollution degree 3
 Insulation resistance > 100 MΩ

¹ measured with a proper counterpart

² according to IEC DIN EN 60529, only in locked condition with an appropriate counterpart

³ specifications on page 125

Designation	Poles	Cable	Cable Lengths [L] in m
1210 1200 04 301 0.6m	4	PUR, black	0.6
1210 1200 04 301 1.5m	4	PUR, black	1.5
1210 1200 04 301 2m	4	PUR, black	2
1210 1200 04 301 5m	4	PUR, black	5
1210 1200 05 302 0.6m	5	PUR, black	0.6
1210 1200 05 302 1.5m	5	PUR, black	1.5
1210 1200 05 302 2m	5	PUR, black	2
1210 1200 05 302 5m	5	PUR, black	5

More pole numbers and cable lengths on request.