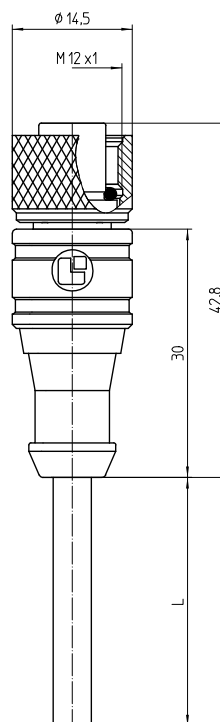


Actuator/sensor cordset **PUR**
 Single-ended with female connector
 Threaded joint, IP67



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

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

Cable end 2: blunt cut

Cable: PUR, black

Pin Assignment

4 pole



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



Temperature Range

Temperature Range -25 °C/+80 °C

Materials

Insulating body TPU GF, HB according to UL 94
 Contact bush CuZn, pre-nickel and gold-plated
 Overmolding/handle TPU, halogen-free
 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 connectors according to IEC 61076-2-101

Connected Cable³

Cable jacket PUR
 Cable no. 910301 (4 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
 Rated impulse voltage 2.50 kV
 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
1200 04 301 1m	4	PUR, black	1
1200 04 301 2m	4	PUR, black	2
1200 04 301 5m	4	PUR, black	5

More pole numbers and cable lengths on request.