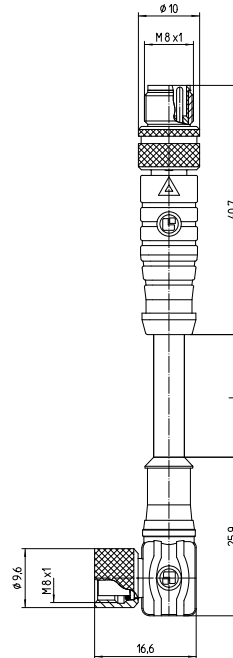


# M8

# 0810 0805 ... 3...

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

 [pending]



M8 actuator/sensor cordset with overmolded connectors, with self-locking threaded joint, IP 67

Cable end 1: M8 male connector, straight, A-coded

Cable end 2: M8 female connector, angled, A-coded

Cable: PUR, black

## Pin Assignment

4 pole, male

4 pole, female



- 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/contact pin CuZn, pre-nickel and gold-plated  
 Overmolding/handle TPU, halogen-free  
 Knurled nut CuZn, nickel-plated  
 Seal FKM

## Mechanical Data

Insertion force<sup>1</sup> ≤ 23 N  
 Withdrawal force<sup>1</sup> ≤ 23 N  
 Mating cycles ≥ 100  
 Protection degree<sup>2</sup> IP67  
 Mating connectors M8 male/female connectors according to IEC 61076-2-104

## Connected Cable<sup>3</sup>

Cable jacket PUR  
 Cable no. 910301 (4 x 0.34 mm<sup>2</sup>)  
 UL style 20549

## Electrical Data (at T<sub>amb</sub> 20 °C)

Contact resistance<sup>1</sup> ≤ 10 mΩ  
 Rated current at T<sub>amb</sub> 40 °C 4 A  
 Rated voltage 50 V AC/60 V DC  
 Rated impulse voltage 1.50 kV  
 Material group I (IEC)/0 (UL) (CTI=600)  
 Pollution degree 3  
 Insulation resistance > 100 MΩ

<sup>1</sup> measured with a proper counterpart

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

<sup>3</sup> specifications on page 125

Designation	Poles	Cable	Cable Lengths [L] in m
0810 0805 04 301 0.6m	4	PUR, black	0.6
0810 0805 04 301 1.5m	4	PUR, black	1.5
0810 0805 04 301 2m	4	PUR, black	2
0810 0805 04 301 5m	4	PUR, black	5

More pole numbers and cable lengths on request.