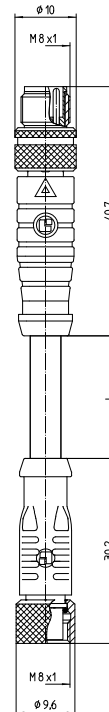


M8

0810 0800 ... 3...

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

CE US [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, straight, A-coded

Cable: PUR, black

Pin Assignment

4 pole, male

4 pole, female



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



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 nut CuZn, nickel-plated
 Seal FKM

Mechanical Data

Insertion force¹ ≤ 23 N
 Withdrawal force¹ ≤ 23 N
 Mating cycles ≥ 100
 Protection degree² IP67
 Mating connectors M8 male/female connectors according to IEC 61076-2-104

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 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

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
0810 0800 04 301 0.6m	4	PUR, black	0.6
0810 0800 04 301 1.5m	4	PUR, black	1.5
0810 0800 04 301 2m	4	PUR, black	2
0810 0800 04 301 5m	4	PUR, black	5

More pole numbers and cable lengths on request.