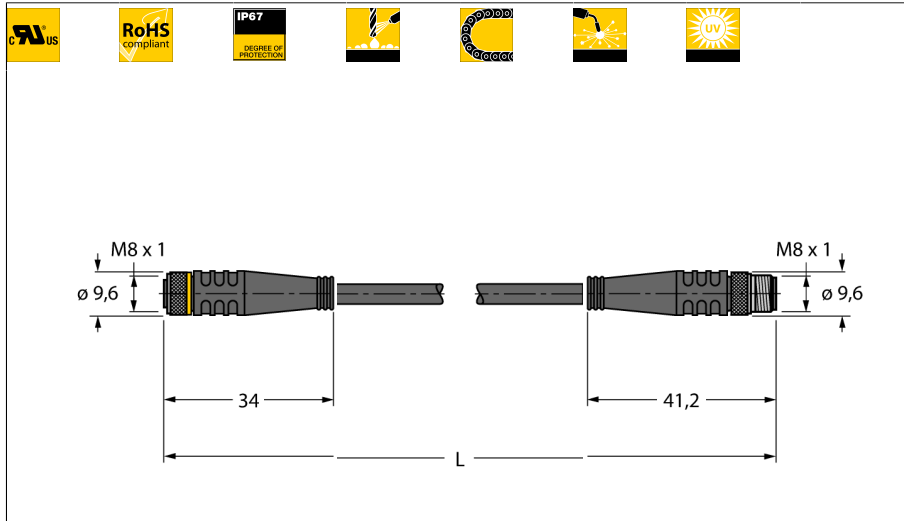


Actuator/sensor cable, PUR
extension cable
PKG4M-2-PSG4M/TXL

TURCK

Industrial
Automation



- Female M8, straight, 4-pin
- Male M8, straight, 4-pin
- Sheath material: PUR
- Sheath color: black
- Qualified for drag chain use
- Resistant to weld splatter
- Resistant to chemicals, UV radiation and oils
- Flame retardant
- Free from halogen, silicone, PVC and LABS
- Particularly abrasion resistant
- Approval: cULus
- RoHS conform
- Protection class IP67
- Cable length: 2.0 m

Type code

Ident no.

PKG4M-2-PSG4M/TXL

6625673

Connector A side

Number of pins

Contacts

Contact carriers

Grip

Coupling nut/screw

Seal

Protection class

Mechanical lifespan

Pollution degree

Tightening torque

female, M8x1, straight

4 pins

metal, CuZn, gold-plated

plastic, TPU, black

plastic, TPU, black

metal, CuZn, nickel-plated

plastic, FKM/FPM

IP67, A + B side screwed together

> 100 mating cycles

3

0.5 ... 0.6 Nm

(observe max. torque of counter piece!)

Connector B side

Number of pins

Contacts

Contact carriers

Grip

Coupling nut/screw

Protection class

Mechanical lifespan

Pollution degree

Tightening torque

male connector, M8x1, straight

4 pins

metal, CuZn, gold-plated

plastic, TPU, black

plastic, TPU, black

metal, CuZn, nickel-plated

IP67, only in screwed state

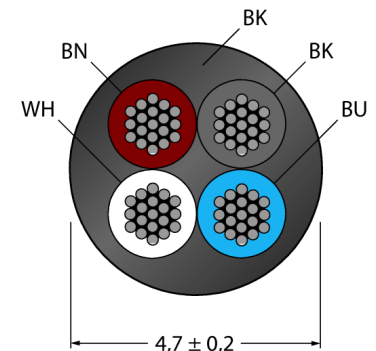
> 100 contact durability

3

0.5 ... 0.6 Nm

(observe max. torque of counter piece!)

Conductor cross-section



circuit diagram



General data

Cable diameter

Cable length

Cable material

Color cable

Core insulation (colors)

Core cross-section

Litz wire arrangement

Ø 4.7 Ø +/-0.20mm

2 m

PUR

blue

PP (BN, WH, BU, BK)

4x0.34mm²

42x0.1 mm

Electrical features at +20 °C

Rated current

Rated voltage [U_{max}]

Insulation resistance

Test voltage

Forward resistance

4 A

30 V

> 30.5 MΩ/km

2000 V

max. 57 Ω/km

**Actuator/sensor cable, PUR
extension cable
PKG4M-2-PSG4M/TXL**

TURCK

Industrial
Automation

Mechanical and chemical properties

Max. tensile strength (static)	≤ 50 N/mm ²
Max. tensile strength (dynamic)	≤ 20 N/mm ²
Bending cycles	> 5 mil.
Bending radius (stationary laying)	> 5 x Ø
Bending radius (flexible use)	> 10 x Ø
Admissible acceleration	max. 5 m/s ²
Admissible travel path, horizontal	5 m (at 5 m/s ²)
Admissible travel path, vertical	2 m (at 5 m/s ²)
Admissible traversing speed	3.3 m/s
Torsional stress	± 180 °/m
Ambient temperature	
stationary	-50 ... 80°C
In motion	-25 ... 80°C
drag chain operation	-25 ... 60°C