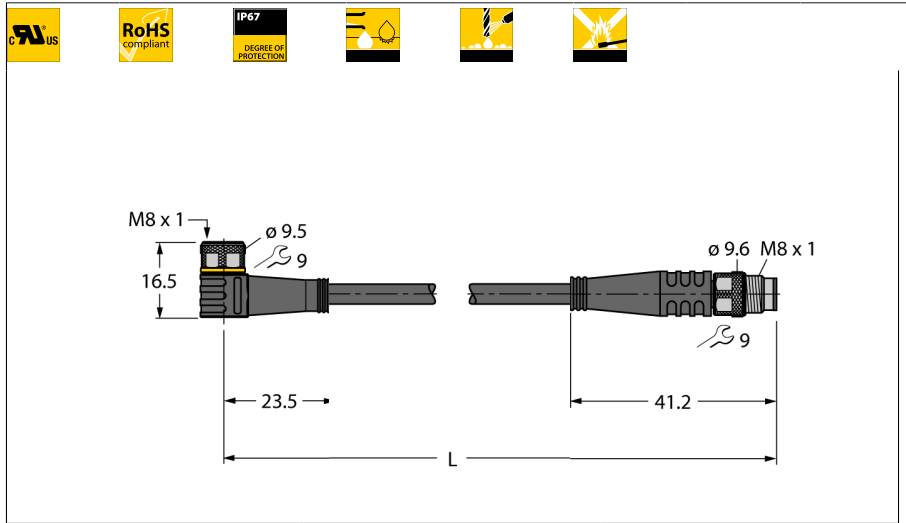


Actuator And Sensor Cable / PVC extension cable
PKW3M-0,3-PSG3M/TEG



- Female M8, angled, 3-pin
- Male M8, straight, 3-pin
- Sheath material: PVC
- Sheath color: grey
- Resistant to chemicals and oils
- Flame retardant
- Resistant to acids and alkaline solutions
- Resistant to microbes and hydrolysis
- LABS free
- Approval: cULus
- RoHS conform
- Protection class IP67
- Cable length: 0.3 m

Type designation PKW3M-0,3-PSG3M/TEG
Ident no. 6630146

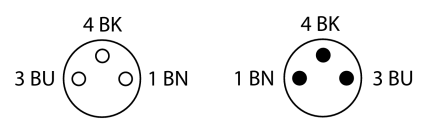
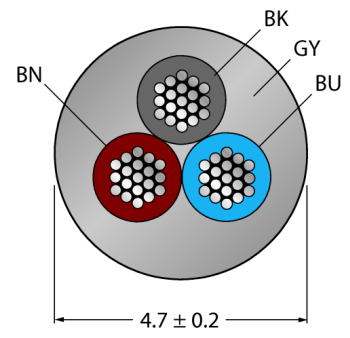
Cable Cross-section

Connector A side
 Number of pins Female connector, M8 1, Angled 3
 Contacts Brass, CuZn, Gold-plated
 Contact carriers Plastic, TPU, Black
 Grip Plastic, TPU, Black
 Coupling nut/screw Brass, CuZn, Nickel-plated
 Seal Plastic, FPM/FKM
 Protection class IP67, A + B side screwed together
 Mechanical lifespan > 100 Mating cycles
 Pollution degree 3
 Tightening torque 0.5 ... 0.6 Nm (observe max. torque of counter piece!)

Connector B side
 Number of pins Connector, M8x1, Straight 3 pins
 Contacts brass, CuZn, Gold-plated
 Contact carriers Plastic, TPU, Black
 Grip plastic, TPU, black
 Coupling nut/screw Brass, CuZn, Nickel-plated
 Protection class IP67, only in screwed state
 Mechanical lifespan > 100 Mating cycles
 Pollution degree 3
 Tightening torque 0.5 ... 0.6 Nm (observe max. torque of counter piece!)

General data
 Cable diameter 4.7 ± 0.20mm
 Cable length 0.3 m
 Cable quality PVC
 Cable color Gray
 Core insulation PVC
 Core colors BN, BU, BK
 Core cross-section 3x0.34mm²
 Arrangement of strands 42x0.1 mm

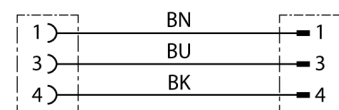
Electrical features at +20 °C
 Current 4 A
 Rated voltage 60 V
 Insulation resistance > 30.5 MΩ/km
 Test voltage 2000 V
 Forward resistance max. 57 Ω/km



General information

Drawing shows design status including hexagon coupling nut (Start of production CW21/2016).

Circuit Diagram



**Actuator And Sensor Cable / PVC
extension cable
PKW3M-0,3-PSG3M/TEG**

Mechanical and chemical properties


Bending radius (stationary laying)	> 5 x Ø
Bending radius (flexible use)	> 10 x Ø
Ambient temperature	
Stationary	-40...+105°C
In motion	0...+80°C

**Actuator And Sensor Cable / PVC
extension cable
PKW3M-0,3-PSG3M/TEG**

TURCK

Industrial
Automation

Accessories

Type code	Ident no.	Description	
Torque-Wrench-Set-AS	6936170	Torque wrench set; handles with adjustable torque 0.4-1.0 Nm, torque wrench for M8 (SW9), fork wrench for M12 (SW 14)	
BLANK-LABEL-FOR-CORDESETS-TEL-TXL	6936206	Label for TEL and TXL cables, length: 18 mm, height: 4 mm, material: polycarbonate (PC), color: white, halogen-free and flame-retardant	