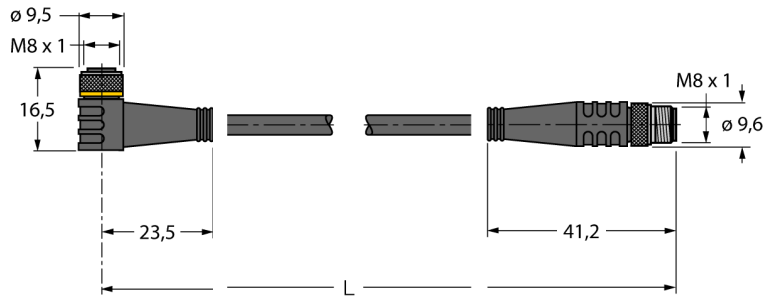


**Actuator/sensor cable, PVC
extension cable
PKW3M-2-PSG3M/TEL**

TURCK

Industrial
Automation

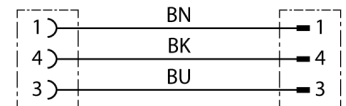


- Female M8, angled, 3-pin
- Male M8, straight, 3-pin
- Sheath material: PVC
- Sheath color: black
- Resistant to chemicals and oils
- LABS-free
- Approval: cULus
- RoHS conform
- Protection class IP67
- Cable length: 2.0 m

Pin assignment



circuit diagram



Type code

Ident no.

PKW3M-2-PSG3M/TEL

6625297

Connector A side

Number of pins	female connector, M8x1, angled
Contacts	3
Contact carriers	metal, CuZn, gold-plated
Grip	plastic, TPU, black
Coupling nut/screw	plastic, TPU, black
Coupling nut/screw	metal, CuZn, nickel-plated
Protection class	metal
Mechanical lifespan	IP67, only in screwed state
Pollution degree	> 100 mating cycles
Tightening torque	3
	0.5 ... 0.6 Nm
	(observe max. value of counter piece!)

Connector B side

Number of pins	male connector, M8x1, straight
Contacts	3
Contact carriers	metal, CuZn, gold-plated
Grip	plastic, TPU, black
Coupling nut/screw	plastic, TPU, black
Coupling nut/screw	metal, CuZn, nickel-plated
Protection class	metal
Mechanical lifespan	IP67, only in screwed state
Pollution degree	> 100 contact durability
Tightening torque	3
	0.5 ... 0.6 Nm
	(observe max. value of counter piece!)

General data

Cable diameter	Ø 4.3 mm +/-0.20
Cable length	2 m
Sheath color	PVC (black)
Core insulation (colors)	PP (BN, BU, BK)
Core cross-section	3x0.34mm ²
Litz wire arrangement	42x0.1 mm

Electrical features at +20 °C

Rated current	4 A
Rated voltage [U _{max}]	60 V
Insulation resistance	> 1 GΩ x km
Test voltage	2000 V

Mechanical and chemical properties

Static Bending Radius	> 5 x Ø
Bending radius (flexible use)	> 10 x Ø
Ambient temperature	
at rest	-40 ... 105°C
In moving state	0 ... 80°C