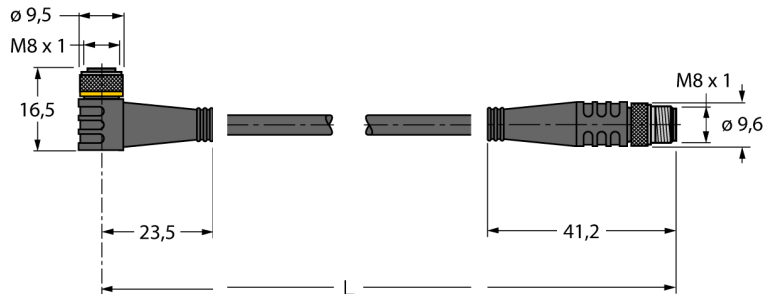


**Actuator/sensor cable, PVC
extension cable
PKW3M-P7X2-5-PSG3M/TEL**

TURCK

Industrial
Automation

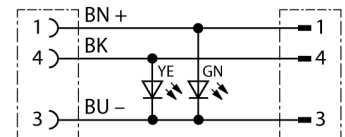


- Female M8, angled, 3-pin
- With 2-color LED (PNP, yellow, green)
- Male M8, straight, 3-pin
- Sheath material: PVC
- Sheath color: black
- Resistant to chemicals and oils
- LABS-free
- Approval: cULus
- RoHS conform
- Protection class IP67
- Cable length: 5.0 m

Pin assignment



circuit diagram



Type code	PKW3M-P7X2-5-PSG3M/TEL
Ident no.	6626089
Connector A side	female connector, M8x1, angled
Number of pins	3
Contacts	metal, CuZn, gold-plated
Contact carriers	plastic, TPU, black
Grip	plastic, TPU, transparent
Coupling nut/screw	metal, CuZn, nickel-plated
Coupling nut/screw	metal
Protection class	IP67, only in screwed state
Operating voltage	LED green
Display switch state	LED yellow
Mechanical lifespan	> 100 mating cycles
Pollution degree	3
Tightening torque	0.5 ... 0.6 Nm (observe max. value of counter piece!)

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

General data	
Cable diameter	Ø 4.3 mm +/-0.20
Cable length	5 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

**Actuator/sensor cable, PVC
extension cable
PKW3M-P7X2-5-PSG3M/TEL**

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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