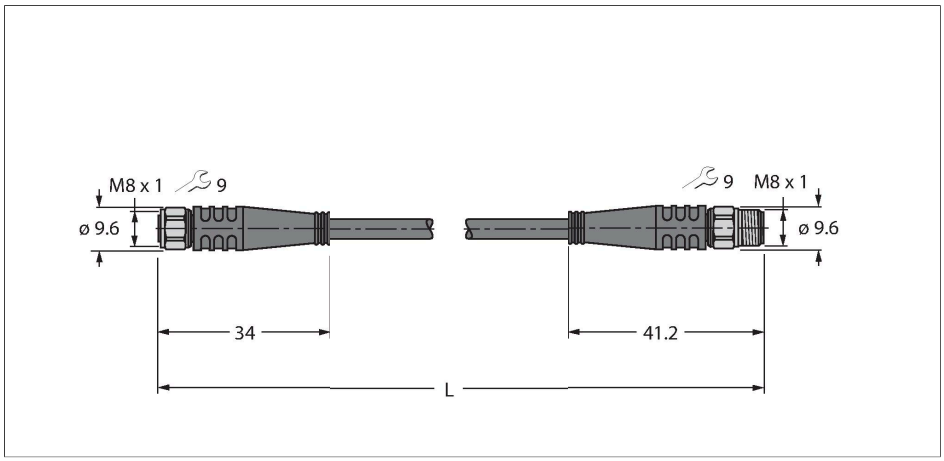
PKGV3M-5-PSGV3M/TFW
Actuator And Sensor Cable, PP-EPDM – Extension Cable



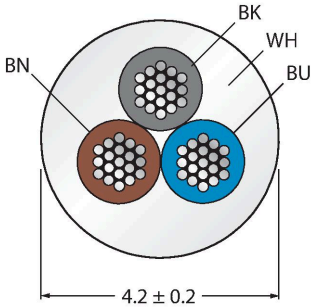
Features

- M8 female connector, straight, 3-pin
- Stainless steel coupling nut/screw
- M8 male connector, straight, 3-pin
- Sheath material: PP-EPDM
- Sheath color: white
- Resistant to acids and alkaline solutions
- Resistant to detergents and disinfectants
- Resistant to hydrolysis acc. to DIN EN 60068-2-78
- Free from silicone and PVC
- Halogen-free acc. to DIN EN 50267-2-1, IEC 60754-1, VDE 0482-267-2-1
- Approvals: Ecolab, FDA
- RoHS and REACH compliant
- Protection classes IP67, IP69K
- Cable length: 5.0 m

Technical data

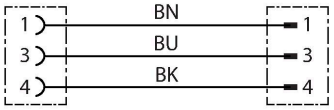
Type	PKGV3M-5-PSGV3M/TFW
ID	6935383
Connector A	Female, M8 × 1, Straight
Number of pins	3
Contacts	Brass, CuZn, Gold-plated
Contact carriers	Plastic, PP, White
Connector body	Plastic, PP, White
Coupling nut/screw	Stainless Steel, V4A
Seal	Plastic, FPM/FKM
Tightening torque (range)	0.5 … 0.6 Nm (observe max. torque of mating connector!)
Mechanical lifespan	> 100 Mating cycles
Pollution degree	3
Protection class	IP67, IP69K, Only in screwed condition
Connector B	Male, M8 × 1, Straight
Number of Pins	3
Contacts	Brass, CuZn, Gold-plated
Contact carriers	Plastic, PP, White
Connector body	Plastic, TPU, White
Coupling nut/retaining screw	Stainless Steel, V4A
Tightening torque	0.5 … 0.6 Nm (observe max. torque of mating connector!)
Mechanical life	> 100 Mating cycles
Pollution degree	3
Protection class	IP67, IP69K, Only when screwed together
Cable	
Cable diameter	Ø 4.2 mm ±0.20

Cable Cross-Section



Contact assignment

Circuit Diagram



PKGV3M-5-PSGV3M/TFW| 23-02-2025 11-49 | Technical modifications reserved

Technical data

Cable length	5 m
Cable jacket	PP-EPDM, White
Core insulation	PE
Core cross-section	3 x 0.34 mm²
Arrangement of strands	42 x 0.1 mm
Core colors	BN, BU, BK
Electrical properties at +20 °C	
Rated voltage	60 V
Test voltage	500 V
Current	4 A
forward resistance	max. 57 Ω/km
Mechanical and chemical properties	
Bending radius (stationary installation)	≥ 5 x Ø
Bending radius (flexible use)	≥ 10 x Ø
Ambient temperature (fixed)	-40…+105 °C
Ambient temperature (mobile)	0…+80 °C

Accessories

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)

PKGV3M-5-PSGV3M/TFW| 23-02-2025 11-49 | Technical modifications reserved