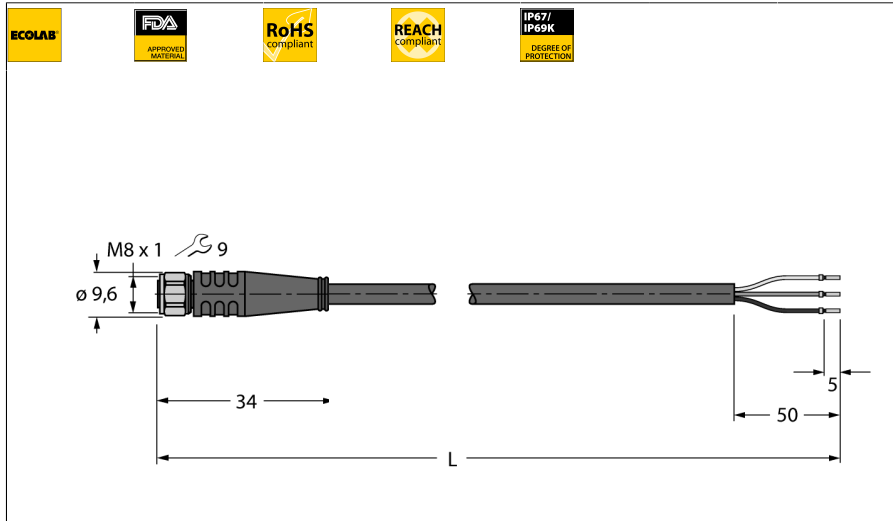


**Actuator And Sensor Cable / PP-EPDM connection cable**  
**PKG3M-20/TFW**



- M8 female, straight, 3-pin
- Stainless steel coupling nut/screw
- 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: 20 m

<b>Type code</b>	PKG3M-20/TFW
Ident no.	6933682

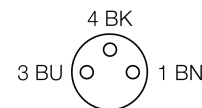
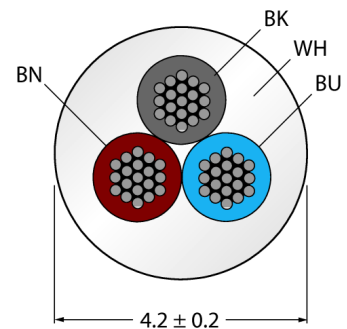
<b>Connector A side</b>	Female, M8x1, straight
Number of Pins	3
Contacts	metal, CuZn, gold-plated
Contact carriers	plastic, PP, white
Grip	Plastic, PP, white
Coupling nut/screw	Stainless steel, V4A
Seal	plastic, FPM/FKM
Protection class	IP67, IP69K, A + B side screwed together
Mechanical lifespan	> 100 mating cycles
Pollution degree	3
Tightening torque	0.5 ... 0.6 Nm (observe max. torque of counter piece!)

<b>General data</b>	
Cable diameter	4.2 +/-0.20mm
Cable length	20 m
Cable Jacket Material	PP-EPDM
Cable Jacket Color	white
Core insulation	PE
Core colors	BN, BU, BK
Core cross-section	3x0.34mm <sup>2</sup>
Arrangement of strands	42x0.1 mm

<b>Electrical features at +20 °C</b>	
Ampacity	4 A
Rated Voltage	60 V
Test voltage	500 V
Forward resistance	max. 57 Ω/km

<b>Mechanical and chemical properties</b>	
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

**Cable Cross-section**



**Circuit diagram**

