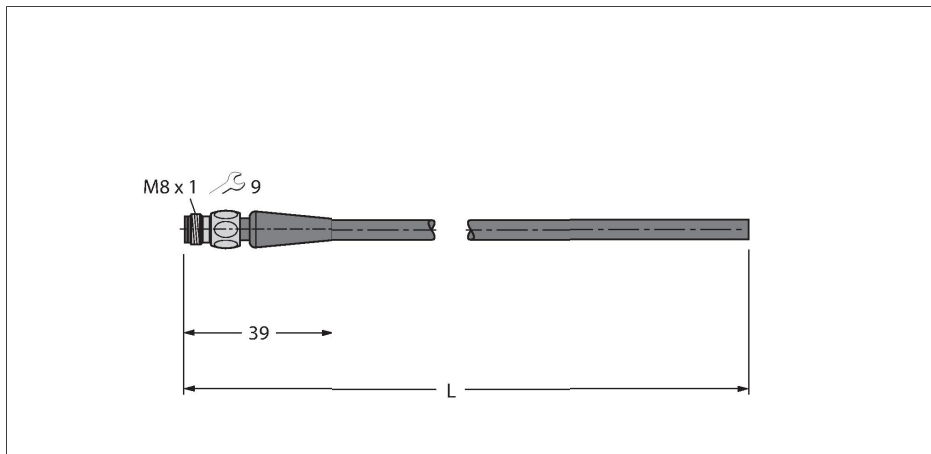


PSGH3M-20/TFE

Food & Beverage Hygienic, PVC – Connection Cable



Features

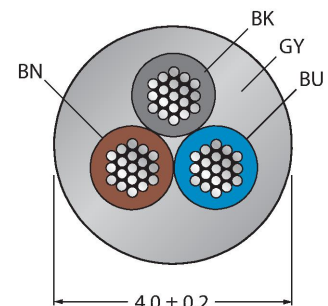


- M8 male connector, straight, 3-pin
- Stainless steel coupling nut/screw
- Jacket material: PVC
- Jacket color: gray RAL 7040
- Resistant to acids and alkalis
- Resistant to oils and chemicals
- Flame-retardant acc. to DIN EN 60332 1-2, DIN EN 60332 2-2, VDE 0482 332-1-2, VDE 0482 332-2-2
- Approvals: Gost, Ecolab
- RoHS and REACH compliant
- Protection class IP67/IP69K
- Cable length: 20 m

Technical data

Type	PSGH3M-20/TFE
ID	6933692
Connector A	Male, M8 × 1, Straight
Number of pins	3
Contacts	Brass, CuZn, Gold-plated
Contact carriers	Plastic, PP, Gray
Connector body	Plastic, PP, Gray
Coupling nut/screw	Stainless Steel, V4A
Seal	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	IP65, IP67, IP68, IP69, Only in screwed condition
Cable	
Cable diameter	Ø 4 mm ±0.20
Cable length	20 m
Cable jacket	PVC, Gray
Core insulation	PVC
Core cross-section	3 x 0.25 mm²
Arrangement of strands	14 x 0.15 mm
Core colors	BN, BU, BK
Electrical properties at +20 °C	
Rated voltage	60 V
Test voltage	1500 V
Current	4 A

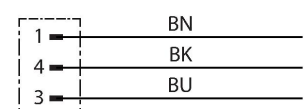
Cable Cross-Section



Contact assignment



Circuit Diagram



Technical data

Insulation resistance $\geq 10^8 \Omega$

Mechanical and chemical properties

Bending radius (stationary installation) $\geq 3 \times \varnothing$

Bending radius (flexible use) $\geq 10 \times \varnothing$

Ambient temperature (fixed) $-25 \dots +80 \text{ }^{\circ}\text{C}$

Ambient temperature (mobile) $0 \dots +80 \text{ }^{\circ}\text{C}$

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)	