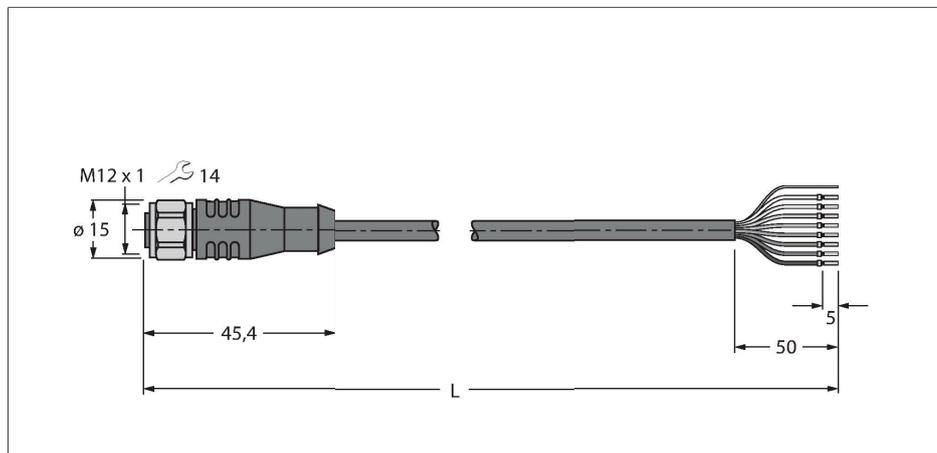


RKSV8T-15/TEG1023

Actuator and Sensor Cable – Connection Cable For Applications in the Food Industry



Features

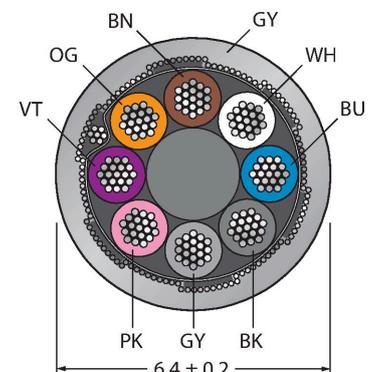


- Female M12, straight, 8-pin
- Stainless steel coupling nut/screw
- Shield on coupling nut/screw
- Jacket material: 80 % Elastollan TPU shore C85A and 20 % polyether TPU shore 95A
- Jacket color: gray, RAL 7035
- Resistant to chemicals and oils
- Flame retardant
- Resistant to acids and alkaline solutions
- Resistant to microbes and hydrolysis
- LABS free
- Protection class: IP67, IP69K
- Cable length: 15 m

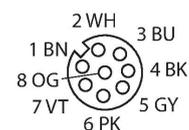
Technical data

Type	RKSV8T-15/TEG1023
ID	6634687
Connector A	Female, M12 × 1, Straight, A-coded
Number of Pins	8
Contacts	Brass, CuZn, Gold-plated
Contact carriers	Plastic, TPU, Gray
Connector body	Plastic, TPU, Gray
Coupling nut/screw	Stainless Steel, V4A
Seal	Plastic, FPM/FKM
Mechanical lifespan	> 100 Mating cycles
Pollution degree	3
Protection class	IP67, IP69K, Only in screwed condition
Cable	
Cable diameter	Ø 6.4 mm ±0.20
Cable length	15 m
Cable jacket	PVC, Gray
Shielding	Aluminum foil, tinned copper wire
Core insulation	PVC
Core cross-section	8 x 0.25 mm ²
Arrangement of strands	42 x 0.1 mm
Core colors	BN, WH, BU, BK, GY, PK, VT, OG
Electrical properties at +20 °C	
Rated voltage	30 V
Test voltage	2000 V
Current	2 A
Insulation resistance	> 30.5 MΩ/km

Cable Cross-Section



Contact assignment



Technical data

forward resistance max. 57 Ω/km

Mechanical and chemical properties

Bending radius (stationary installation) ≥ 5 x Ø

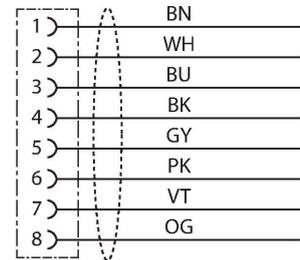
Bending radius (flexible use) ≥ 10 x Ø

Ambient temperature range (stationary) -40...+105 °C

Ambient temperature range (In motion) -40...+80 °C

Approvals cULus

Circuit Diagram



Accessories

TORQUE-WRENCH-SET-AS

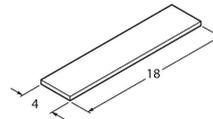
6936170

Torque wrench set; handles with adjustable torque 0.4-1.0 Nm, torque wrench for M8 (SW9), fork wrench for M12 (SW 14)

BLANK-LABEL-FOR-CORDSETS-TEL-TXL

6936206

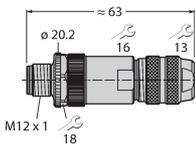
Label for TEL and TXL cables, length: 18 mm, height: 4 mm, material: polycarbonate (PC), color: white, halogen-free and flame-retardant



CMBS8181-0

6930792

Field-wireable male connector, M12 × 1, straight, 8-pin, screw terminal connection, cable feedthrough 6.0 to 8.0 mm, core cross-section/terminal capacity 0.14 to 0.50 mm², metal housing, metal nut, shieldable, also for Ethernet



Accessories

Dimension drawing

Type

ID

LABEL-HOLDER-FLEX-PVC

100048170

PVC label holder for identification of extension cables (TEL/TXL product series); for cable diameters: min. 5 mm; dimensions 4 × 18 mm; delivery unit: 50 pcs. per package

