

WSC4.5T-2/TEG

Actuator and Sensor Cable, PVC – Connection Cable



Features

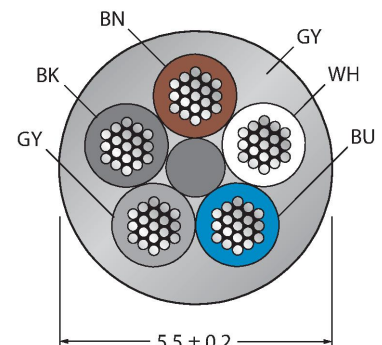


- Male M12, angled, 5-pin
- Jacket material: PVC
- Jacket color: gray
- Resistant to chemicals and oils
- Flame retardant
- Resistant to acids and alkaline solutions
- Resistant to microbes and hydrolysis
- LABS free
- Protection class: IP67, IP69K
- Cable length: 2.0 m

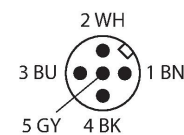
Technical data

Type	WSC4.5T-2/TEG
ID	6629858
Connector A	Male, M12 × 1, Angled, A-coded
Number of Pins	5
Contacts	Brass, CuZn, Gold-plated
Contact carriers	Plastic, TPU, Black
Connector body	Plastic, TPU, Black
Coupling nut/screw	Brass, CuZn, Nickel-plated
Mechanical lifespan	> 100 Mating cycles
Pollution degree	3
Protection class	IP67, IP69K, Only in screwed condition
Cable	
Cable diameter	Ø 5.5 mm ±0.20
Cable length	2 m
Cable jacket	PVC, Gray
Core insulation	PVC
Core cross-section	5 x 0.34 mm ²
Arrangement of strands	42 x 0.1 mm
Core colors	BN, WH, BU, BK, GY
Electrical properties at +20 °C	
Rated voltage	60 V
Test voltage	2000 V
Current	4 A
Insulation resistance	> 30.5 MΩ/km
forward resistance	max. 57 Ω/km
Mechanical and chemical properties	
Bending radius (stationary installation)	≥ 5 x Ø

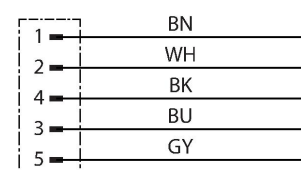
Cable Cross-Section



Contact assignment



Circuit Diagram



Technical data

Bending radius (flexible use)	$\geq 10 \times \varnothing$
Ambient temperature range (stationary)	-40 °C...+105 °C
Ambient temperature range (In motion)	0 °C...+80 °C
Approvals	cULus

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
B8151-0	6904601		Field-wireable female connector, M12 × 1, straight, 5-pin, screw terminal connection, cable feedthrough 4.0 to 6.0 mm, core cross-section/terminal capacity 0.14 to 0.75 mm², plastic housing, plastic nut
B8251-0	6904602		Field-wireable female connector, M12 × 1, angled, 5-pin, screw terminal connection, cable feedthrough 4.0 to 6.0 mm, core cross-section/terminal capacity 0.14 to 0.75 mm², plastic housing, plastic nut
BM8151-0	6935888		Field-wireable female connector, M12 × 1, straight, 5-pin, screw terminal connection, cable feedthrough 4.0 to 6.0 mm, core cross-section/terminal capacity 0.25 to 0.75 mm², plastic housing, metal nut
BM8251-0	6935890		Field-wireable female connector, M12 × 1, angled, 5-pin, screw terminal connection, cable feedthrough 4.0 to 6.0 mm, core cross-section/terminal capacity 0.25 to 0.75 mm², plastic housing, metal nut
FW-ERKPM0526-SA-P-0408	100002534		Field-wireable female connector, M12 × 1, straight, 5-pin, push-in connection, cable feedthrough 4.0 to 8.0 mm, core cross-section/terminal capacity 0.14 to 0.75 mm², plastic housing, metal coupling nut
FW-ERKPM0516-SA-S-0408	100002285		Field-wireable female connector, M12 × 1, straight, 5-pin, screw terminal connection, cable feedthrough 4.0 to 8.0 mm, core cross-section/terminal capacity 0.25 to 1.5 mm², plastic housing, metal nut
FW-EWKPM0516-SA-S-0408	100002287		Field-wireable female connector, M12 × 1, angled, 5-pin, screw terminal connection, cable feedthrough 4.0 to 8.0 mm, core cross-section/terminal capacity 0.25 to 1.5 mm², plastic housing, metal nut