WKC4.4T-20/TEL
Actuator and Sensor Cable, PVC –   Connection Cable
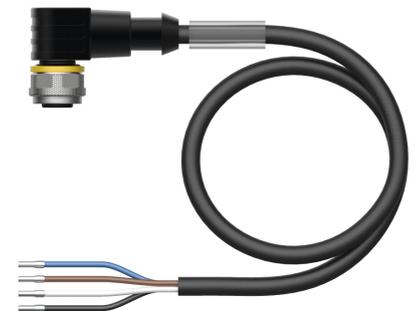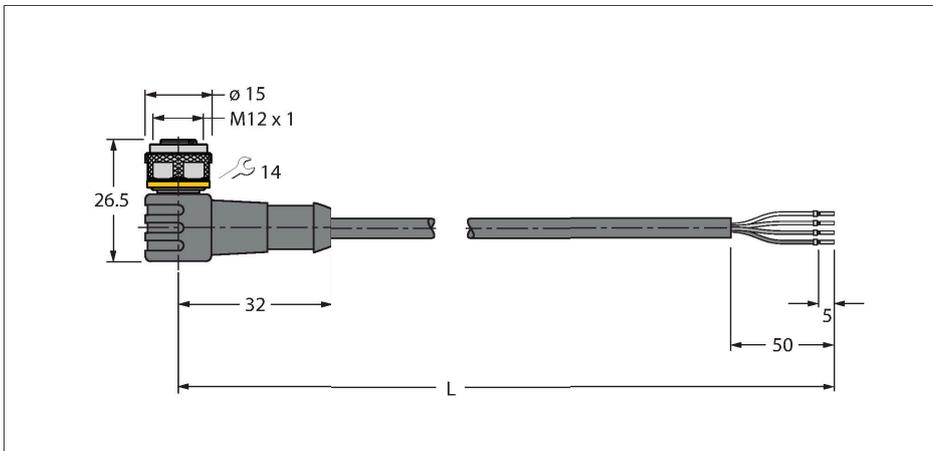
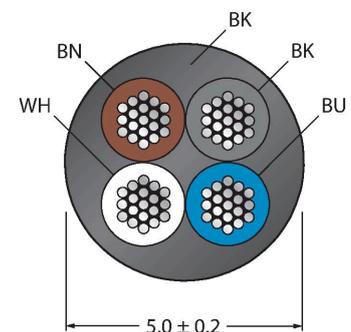## Technical data

|	
Type	WKC4.4T-20/TEL
ID	6627012
Connector A	Female, M12 × 1, Angled, A-coded
Number of Pins	4
Contacts	Brass, CuZn, Gold-plated
Contact carriers	Plastic, TPU, Black
Connector body	Plastic, TPU, Black
Coupling nut/screw	Brass, CuZn, Nickel-plated
Seal	Plastic, FPM/FKM
Mechanical lifespan	> 100 Mating cycles
Pollution degree	3
Protection class	IP67, IP69K, Only in screwed condition
Cable	
Cable diameter	Ø 5 mm ±0.20
Cable length	20 m
Cable jacket	PVC, Black
Core insulation	PVC
Core cross-section	4 x 0.34 mm²
Arrangement of strands	42 x 0.1 mm
Core colors	BN, WH, BU, BK
Electrical properties at +20 °C	
Rated voltage	250 V
Test voltage	2000 V
Current	4 A
Insulation resistance	> 30.5 MΩ/km
forward resistance	max. 57 Ω/km

Features

- Female M12, angled, 4-pin
- Jacket material: PVC
- Jacket color: black
- 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: 20 m

Cable Cross-Section

Contact assignment
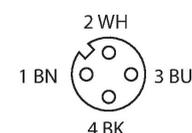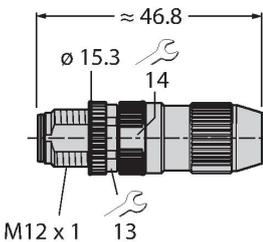
Technical data

Mechanical and chemical properties

Bending radius (stationary installation)	≥ 5 x Ø
Bending radius (flexible use)	≥ 10 x Ø
Ambient temperature range (stationary)	-40 °C…+105 °C
Ambient temperature range (In motion)	-5 °C…+80 °C
Approvals	cULus

Circuit Diagram

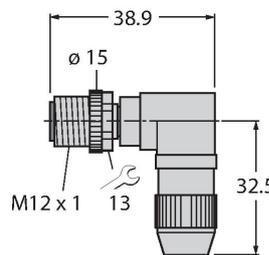|		
1		BN
2		WH
4		BK
3		BU

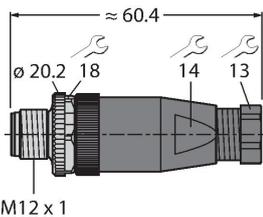# Accessories

HAS8141-0 — 6905406

Field-wireable male connector, M12 × 1, straight, 4-pin, insulation piercing connection, cable feedthrough 4.0 to 5.1 mm, core cross-section/terminal capacity 0.14 to 0.34 mm², plastic housing, metal nut
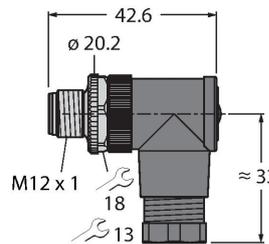
≈ 46.8
ø 15.3
14
M12 x 1   13

HAS8241-0 — 6905400

Field-wireable male connector, M12 × 1, angled, 4-pin, insulation piercing connection, cable feedthrough 4.0 to 5.1 mm, core cross-section/terminal capacity 0.14 to 0.34 mm², plastic housing, metal nut

38.9
ø 15
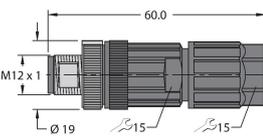M12 x 1   13
32.5

BS8141-0 — 69010

Field-wireable male connector, M12 × 1, straight, 4-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, metal retaining screw

≈ 60.4
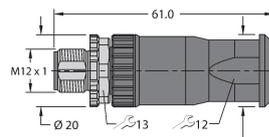ø 20.2   18   14   13
M12 x 1

BS8241-0 — 69011

Field-wireable connector, M12 × 1, angled, 4-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, metal retaining screw

42.6
ø 20.2
M12 x 1
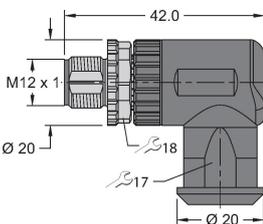18
13
≈ 33

FW-ERSPM0426-SA-P-0408 — 100002048

Field-wireable male connector, M12 × 1, straight, 4-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 retaining screw

60.0
M12 x 1
Ø 19   15   15

FW-ERSPM0416-SA-S-0408 — 100002288

Field-wireable male connector, M12 × 1, straight, 4-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 retaining screw

61.0
M12 x 1
Ø 20   13   12   Ø 20

FW-EWSPM0416-SA-S-0408 — 100002290

Field-wireable male connector, M12 × 1, angled, 4-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 retaining screw

42.0
M12 x 1
Ø 20   18   17   Ø 20

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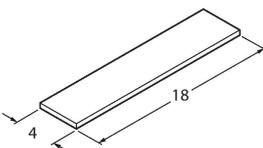
Label for TEL and TXL cables, length: 18 mm, height: 4 mm, material: polycarbonate (PC), color: white, halogen-free and flame-retardant

18
4