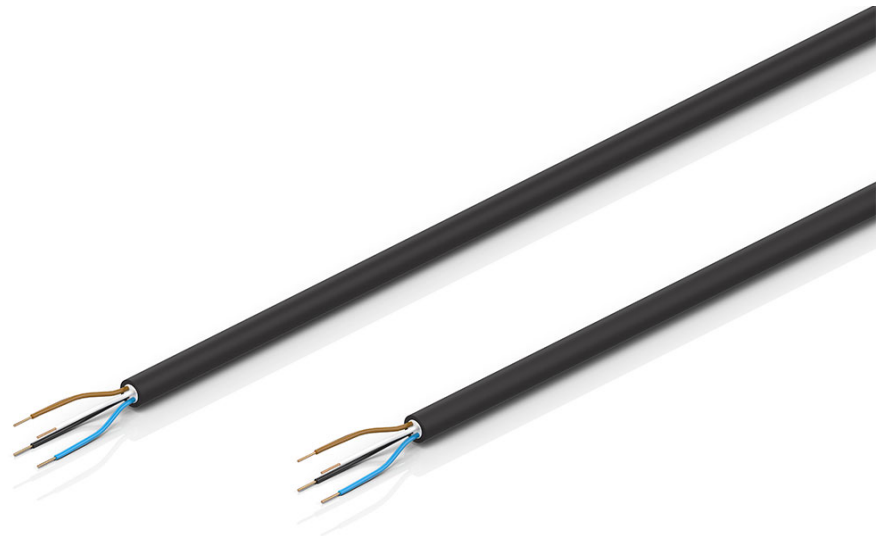
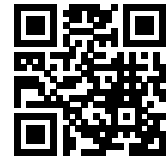


ZB9052 | Power/sensor cable, PUR, 4 x 0.5 mm², capable of torsion, black



Electrical data	
Rated voltage	300 V
Insulation resistance	≥ 500 MΩ/km
Wire resistance (signal/24V)	ca. 39 Ω/km
Test voltage	≥ 2000 V
Mechanical data	
Conductor construction (signal/24V)	28 x 0.15 mm, conductor class 6 according to DIN VDE 0295
Cross-section	4 x 0.5 mm ² (AWG20)
Outer cable diameter	6.0 mm ± 0.2 mm ("0.23622 ± 0.0079")
Min. bending radius, moved	7.5 x outer cable diameter
Min. bending radius, fixed installation	4 x outer cable diameter
Weight	53.6 kg/km (36.02 lb/1000 ft)
Conductor material (signal/24V)	copper bare
Shielding	no
Use	capable of torsion and drag-chain suitable
Max. acceleration	5 m/s ²
Max. speed	3.3 m/s
Max. travel distance	100 m

Max. number of cycles	10 million
Jacket color	black
Material jacket	PUR (polyurethane)
Material jacket, further characteristics of	weld-spatter resistant, low adhesion
Wire color code	white, blue, black, brown
Wire insulation material	TPE (thermoplastic elastomer)
Printing on the jacket	XXXm Beckhoff Automation GmbH & Co. KG -Germany-Sensor ZB9052 - 4x0,5mm ² E170315 cRUus AWM STYLE 20233 AWM I/II A/B 80°C 300V FT1 MM/YY CE RoHS
Printing color	white
Torsion angle in °/m	max. ± 360°/m
Torsion speed	15 cycle/min.
Number of torsion cycles	10 million
Claimed torsion length	2 m
Environmental data	
Operation temperature range, moved	-30°C... +105°C, -22°F...+221°F, UL: up to +80°C (+176°F)
Operation temperature range, fixed installation	-40...+105°C, -40...+221°F
Oil resistance	very good oil and chemical resistance
LABS-free	yes
Flame-retardant	according to IEC 60332-1
Halogen-free	yes
Silicone-free	yes
UL	yes, UL E-file number: E170315

Notes

- The following length tolerances apply: 2-3%
- Illustrations similar

Ordering information	Length
ZB9052	sold by the meter



Products marked with a crossed-out wheeled bin shall not be discarded with the normal waste stream. The device is considered as waste electrical and electronic equipment. The national regulations for the disposal of waste electrical and electronic equipment must be observed.

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