



ZB9050 | Power/sensor cable, PUR, 4 x 0.34 mm², drag chain suitable, black

Electrical data	
Rated voltage	≤ 300 V
Insulation resistance	≥ 10 GΩ * km
Wire resistance (signal/24V)	≤ 58.0 Ω/km (20 °C)
Test voltage	≥ 3000 V
Mechanical data	
Conductor construction (power)	42 x 0.10 mm
Cross section	4 x 0.34 mm ² (AWG 22)
Min. bending radius, moved	6 x outer cable diameter
Min. bending radius, moved in drag chain	10 x outer cable diameter
Weight	31 kg/km (20.8 lb/1000 ft)
Outer cable diameter	4.7 mm ± 0.15 mm (0.185" ± 0.0059")
Shielding	no
Use	drag-chain suitable
Max. acceleration	10 m/s ²
Max. speed	5 m/s
Max. number of cycles	10 million at max. 20 m travel distance, 2 million at max. 100 m travel distance
Wall thickness of wire insulation (power)	≥ 0.21 mm
Jacket colour	black
Material jacket	PUR (polyurethane)
Wire colour code	white, blue, black, brown
Wire insulation material	PP (polypropylene)
Printing on the jacket	Li9Y11Y 4x0,34mm ² E242293 (cULus-Symbol) AWM STYLE 20549 80C 300V AWM I A/B 80C 300V FT2
Printing colour	white
Environmental data	
Operation temperature range, moved	-25...+80 °C, -13...+176 °F
Flame-retardant	according to DIN EN 60332-2-2
Halogen-free	DIN VDE 0472 part 815

Notes

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

Ordering information	Length
ZB9050	sold by the metre

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