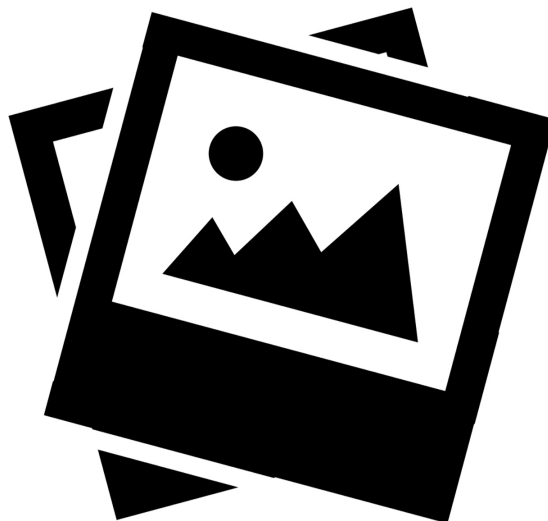


# C9900-K618...K620, -K668 | Signal and power cable, PUR, 3G1,0+16x0,34 mm<sup>2</sup>, drag-chain suitable, black



M23, socket, straight, female, 19-pin – open end



## Plugs

Electrical data	Head A	Head B
Rated voltage	63 V AC/DC	-
Rated current	7 A with max. connection cross-section	-
Rated impulse voltage	1.5 kV	-
Mechanical data		
Installation size	M23	open end
Connector type	socket	-
Configuration	straight	-
Contact type	female	-
Number of positions (face)	19-pin	-
Wire termination	crimp connection	-
Mating cycles	500	-
Way of locking	screw	-
Body color	metal	-

Body material	Zinc die-cast/nickel plated	-
Seal	FKM	-
Clamp ring	brass/nickel plated	-
Contact carrier material	PBT, UL 94 V-0	-
Contact material	brass/gold plated	-
Max. wire cross-section	AWG26 ... AWG18 (0,14 mm <sup>2</sup> ... 1,00 mm <sup>2</sup> )	-
<b>Environmental data</b>		
Protection rating	IP66, IP67 in plugged condition	-

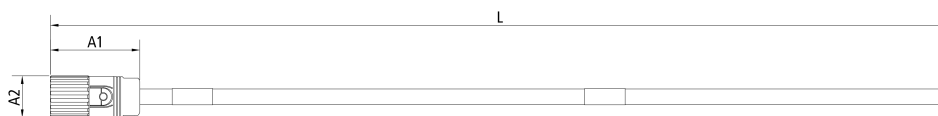
## Cable

<b>Electrical data</b>		
Rated voltage	300 V	
Wire resistance	0.34 mm <sup>2</sup> : ≤ 60.0 Ω/km, 1.0 mm <sup>2</sup> : ≤ 19.5 Ω/km	
Test voltage	≥ 2000 V	
<b>Mechanical data</b>		
Cross-section	16 x 0.34 mm <sup>2</sup> (AWG22) + 3 x 1.00 mm <sup>2</sup> (AWG18)	
Outer cable diameter	9.5 mm ± 0.3 mm (0.3740" ± 0.0118")	
Min. bending radius, moved	10 x outer cable diameter	
Min. bending radius, fixed installation	4 x outer cable diameter	
Conductor material	copper bare	
Use	drag-chain suitable	
Jacket color	black	
Material jacket	PUR (polyurethane)	
Wire insulation material	PUR (polyurethane)	
<b>Environmental data</b>		
Operation temperature range, moved	-10...+80 °C, 14...+176 °F	

<b>Contact assembly</b>		
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1	violet
2	red
3	grey
4	red-blue
5	green
6	blue
7	grey-pink
8	white-green
9	white-yellow
10	white-grey
11	black
12	green-yellow
13	yellow-brown
14	brown-green
15	white
16	yellow
17	pink
18	grey-brown
19	brown

## Dimensions



A1	55.00 mm
A2	Ø 26,0 mm

## Notes

Depending on the cable length (L), the following length tolerances apply:

5.0 m: ± 20 mm | ≥ 6.5 m: ± 30 mm | ≥ 9.0 m ... 10.0 m: ± 40 mm | ≥ 15.0 m : ± 50 mm | ≥ 20.0 m : ± 60 mm | ≥ 30.0 m : ± 70 mm

- Illustrations similar
- Further cable length on request.

Ordering information	Length
C9900-K618	5.00 m
C9900-K619	10.00 m
C9900-K620	20.00 m

C9900-K668

30.00 m



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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