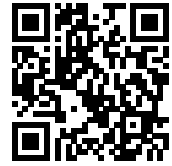


C9900-K763...K766 | Power and signal cable, PUR, 3 G 1.0 mm² + 16 x 0.34 mm², drag-chain suitable, black



M23 Speedtec, 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	-
Contact resistance	< 5 mΩ	-
Mechanical data		
Installation size	M23 Speedtec	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	-
Contact carrier material	PBT, UL 94 V-0	-
Environmental data		
Protection rating	IP66, IP67 in plugged condition	-
Pollution level	3	-

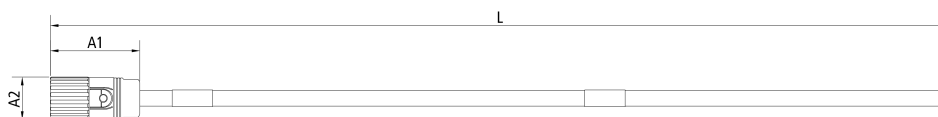
Cable

Electrical data		
Operating voltage	≤ 300 V	
Test voltage	1500 V	
Mechanical data		
Cross-section	16 x 0.34 mm ² (AWG22) + 3 x 1.00 mm ² (AWG18)	
Cross-section (power)	3 x 1.0 mm ² (approx. AWG18)	
Cross-section (signal)	16 x 0.34 mm ² (AWG22)	
Outer cable diameter	10.0 mm ± 0.3 mm (0.3937" ± 0.0118")	
Conductor material	copper bare	
Use	drag-chain suitable	
Jacket color	black	
Material jacket	PUR (polyurethane)	
Wire insulation material	PUR (polyurethane)	
Environmental data		
Operation temperature range, moved	-10...+80°C, 14...+176°F	
Flame-retardant	acc. to IEC 60332-1-2, acc. to UL/CSA FT1, acc. to UL VW1	
UL	yes, UL E-file number: E356538	

Contact assembly		
-------------------------	--	--

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



Notes

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

0 m ... 10.0 m : ± 40 mm | ≥ 10.0 ... 15.0 m : ± 100 mm | ≥ 15.0 ... 30.0 m : ± 200 mm | ≥ 30.0 ... 70.0 m : ± 300 mm | ≥ 70.0 ... 90.0 m : ± 400 mm | ≥ 100.0 m : ± 500 mm

- Illustrations similar

- Further cable length on request.

CE, UL

CE yes

Ordering information

Length

C9900-K763 5.00 m

C9900-K764 10.00 m

C9900-K765	20.00 m
C9900-K766	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.

Beckhoff®, TwinCAT®, TwinCAT/BSD®, TC/BSD®, EtherCAT®, EtherCAT G®, EtherCAT G10®, EtherCAT P®, Safety over EtherCAT®, TwinSAFE®, XFC®, XTS® and XPlanar® are registered trademarks of and licensed by Beckhoff Automation GmbH. Other designations used in this publication may be trademarks whose use by third parties for their own purposes could violate the rights of the owners.

© Beckhoff Automation GmbH & Co. KG 08/2024

The information provided in this brochure contains merely general descriptions or characteristics of performance which in case of actual application do not always apply as described or which may change as a result of further development of the products. An obligation to provide the respective characteristics shall only exist if expressly agreed in the terms of contract.