

Technical Data Sheet**Rosenberger**

RET Control Cable (Halogen Free)

L99-C197-XXX**Main Features**

AISG 2.0 Compliant RET Control Cable
 Feeds Data & DC Power to RET Components
 RoHS Compliant
 Halogen Free

**Electrical Data**

Protocol	3GPP/AISG 2.0/AISG 1.1
Voltage, Rated	300 V

Environmental Data

Operating Temperature Range	-40°C to +70°C -40°F to +158°F
Relative Humidity	5% - 95%
Weather Protection	IP67
Flammability	UL94-V0

Mechanical Data

AISG Connector A	8-Pin DIN Female
AISG Connector B	8-Pin DIN Male
Braid Coverage	Coverage Rate \geq 85 %
Data Conductor Type	0.32 mm ² (24 AWG) twisted pair
Data Conductors, Quantity	2
Power Conductor Type	0.75 mm ² (20 AWG) stranded
Power Conductors, Quantity	4
Total Conductors, Quantity	6
Shield Material	Aluminum
Jacket Material	LSZH(Anti-UV)
Color	Black
Diameter Over Jacket	8.00 mm

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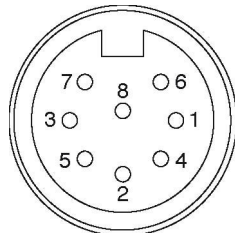
L99-C197-XXX

Part Numbers of Cables

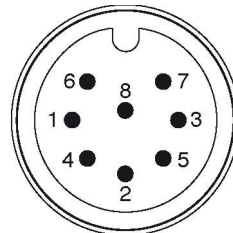
Part Number	Length
L99-C197-500	0.5 m
L99-C197-1000	1 m
L99-C197-2000	2 m
L99-C197-3000	3 m
L99-C197-5000	5 m
L99-C197-10000	10 m
L99-C197-20000	20 m
L99-C197-30000	30 m
L99-C197-40000	40 m
L99-C197-50000	50 m

Pin Assignments:

1. +12 V DC nominal
2. not connected
3. RS485 B
4. RS485 GND
5. RS485 A
6. +24 V DC nominal
7. DC Return
8. not connected



Female



Male

While the information has been carefully compiled to the best of our knowledge, nothing is intended as representation or warranty on our part and no statement herein shall be construed as recommendation to infringe existing patents. In the effort to improve our products, we reserve the right to make changes judged to be necessary.

Draft	Date	Checker	Approved	Date	Rev.	Engineering Change Number	Name	Date
Hai Chen	18/06/15		J.Gramsamer	02.12.15	100	15-0005	Hai Chen	20/11/15
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