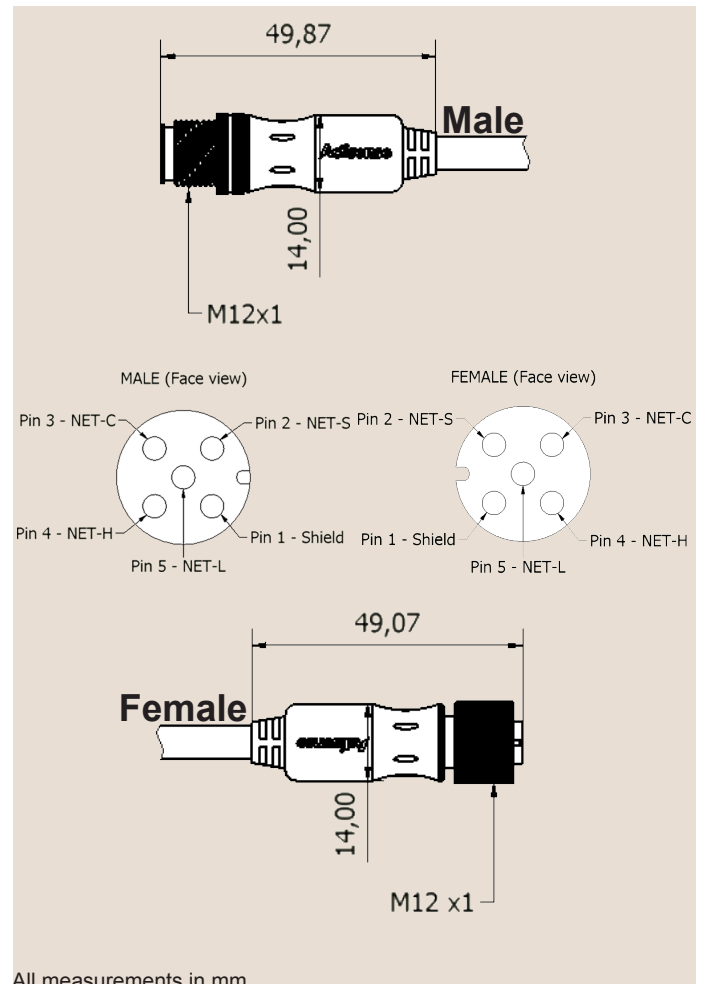


A2K-TDC

Micro Trunk/Drop Cable Assemblies

Technical Specifications

Electrical	
Rated Current	4A
Rated Voltage	125V
Mechanical	
Male Contact	Brass, gold plated
Female Contact	Phosphor bronze, gold plated
Contact Carrier	PBT, black
Contact Polarisation	Standard M12 -"A"- polarisation
Mating Thread	M12
Screw Cap	Brass, nickel plated
O-Ring Seal	Rubber, black
Housing	PVC, black
Power Pair	22 AWG (19 strand tinned copper)
Data Pair	24 AWG (19 strand tinned copper)
Drain	22 AWG (19 strand tinned copper)
Braid	37 AWG (tinned copper)
Jacket Material	0.8mm Nom. PVC, black
Jacket Outer Diameter	6.85mm ±0.254mm
Weights	0.25m: 51g, 0.5m: 67g, 1m: 102g, 2m: 166g, 3m: 230g, 4m: 300g, 5m: 379g, 6m: 447g, 10m: 733g
Approvals and Certifications	
Protection	IP67 (when mated)
Operating Temperature	-20°C to +70°C
Storage Temperature	-40°C to +85°C
NMEA 2000 Certified	
RoHS Compliant	
UL Certified (E137250), (UL1277)	



All measurements in mm

Connections

Wire Colour	Connector Pins	Name
Green/Bare	Pin 1	Shield
Red	Pin 2	NET-S
Black	Pin 3	NET-C
White	Pin 4	NET-H
Blue	Pin 5	NET-L

Part Number	Description
A2K-TDC-0M25	NMEA 2000 Micro Cable Assembly 0.25 metre, UL certified cable
A2K-TDC-0M5	NMEA 2000 Micro Cable Assembly 0.5 metre, UL certified cable
A2K-TDC-1M	NMEA 2000 Micro Cable Assembly 1 metre, UL certified cable
A2K-TDC-2M	NMEA 2000 Micro Cable Assembly 2 metre, UL certified cable
A2K-TDC-3M	NMEA 2000 Micro Cable Assembly 3 metre, UL certified cable
A2K-TDC-4M	NMEA 2000 Micro Cable Assembly 4 metre, UL certified cable
A2K-TDC-5M	NMEA 2000 Micro Cable Assembly 5 metre, UL certified cable
A2K-TDC-6M	NMEA 2000 Micro Cable Assembly 6 metre, UL certified cable
A2K-TDC-10M	NMEA 2000 Micro Cable Assembly 10 metre, UL certified cable

Please note the products described in this data sheet and the specifications thereof may be changed without prior notice.