

HYDROCONN® FAMILY ADAPTER

UNIVERSAL ADAPTABILITY



SERIES IV PLUG END



SERIES III FEMALE END

PRODUCT DESCRIPTION

Hydroadapt enables on-site adaptability from one AMI connector type to another without field splicing. Hydroadapt is available with multiple connector configurations within the Hydroconn family.

Built to the same rigorous standards as all Hydroconn connectors, Hydroadapt delivers the waterproof performance and long-term reliability that utilities have trusted for years.

COMPATIBILITY CHART

Part Number	Conversion	Meter	End Point
HCA-3F4P-01	Series III Male to Series IV Plug	Badger Diehl Master Mueller Neptune	Itron
TBD	Series III Female to Series IV Receptacle	Itron	Badger Diehl Mueller Neptune

MECHANICAL SPECIFICATIONS

Size (HCA-3F4P-01)	Length: 2.24”; Diameter: 0.625”
Connector Material	Flexible TPU and Glass Filled TPU
Contacts	Machined 20 and 22 AWG Copper Alloy
Contact Plating	5μ inches gold over 50μ Ni
Temperature Rating	-20°C to +80°C, Low temp cable flexibility
Pressure Rating	Submersible to 30 meters
Sealing Method	AMR III: Patented Sealing Features with no parting lines AMR IV: Serviceable O-ring in plug with no parting line in groove

ELECTRICAL SPECIFICATIONS

Insulator	Glass filled thermoplastic
Current Rating	7.5 amps
Voltage Rating	300 V AC/RMS 50Hz
Insulation Resistance	5000 MΩ at 500 VDC

US Patents 9, 368, 907 and 9,465,173

SOLUTIONS FOR A SMARTER FUTURE

Specifications subject to change at sole discretion of Geospace Technologies.