

SENSOR LINK: Mini-Mizer® 19-Pole, Connector Assemblies

- **Tough & Reliable - Industry Proven Performance**
- **Weather Protection - IP 67/68 & NEMA 6P Ratings**
- **Multiple Configurations & Designs Available**



Conxall®, a leading manufacturer of standard and custom circular connectors, expands its Sensor-Link, MINI-MIZER® product-line with 19-pole molded mini-connector assemblies. Available in a wide assortment of configurations including single-ended, double-ended and panel-mount designs. Products are UL/CSA certified with NEMA 6P, IP67 & IP68 environmental ratings and have been engineered to perform in harsh and abusive environments where signal integrity is considered important.

Product Features & Benefits

- **Optimal Connectivity:** Engineered to maintain continuous connectivity even in the most demanding applications including those subject to continuous operation, variable temperature conditions, humidity and vibration.
- **Durable Construction:** Manufactured with high quality plastics and metals to maximize product life, enhance indoor / outdoor weatherability, increase reliability and lower maintenance costs.
- **Environment Safeguards & Wide Application Use:** Robust, compression type sealing properties lock-out potentially harmful contaminants such as dust and foreign particles while providing for moisture protection. May be used in a variety of indoor and outdoor applications that include Conveyor Sensors, Hydraulic Valves, Material Handling Equipment and Process Control Machinery.
- **Quick, Trouble Free Assembly:** Rugged, industry proven Anodized Aluminum couplers allow for quick and trouble free assembly. Nylon or Stainless Steel is available for highly corrosive applications.
- **Broad Product Selection:** Available in a wide choice of standard and custom configurations, designs and lengths.

Product Specifications

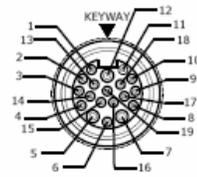
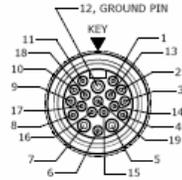
	Cable Assemblies	Panel Mount Assemblies
Electrical Ratings	5A / 600 VAC	5A / 600 VAC
Environmental	NEMA 6P, IP67/68; RoHS Compliant	NEMA 6P, IP67/68; Epoxy Filled; RoHS Compliant
Temp. Rating	-20°C (-68°F) to +80°C (+176°F)	20°C (-68°F) to +80°C (+176°F)
Certifications	UL Recognized; CSA Certified	UL Recognized; CSA Certified
Coupling Nuts	"Grey" Anodized Aluminum (Options: Color Variations; Nylon or Stainless Steel - Consult Factory)	
Contacts	Copper Alloy, Gold Plated (Machined)	Copper Alloy, Gold Plated (Machined)
Contact Size	3 (qty.) #14; 16 (qty.) #20	3 (qty.) #14; 16 (qty.) #20
Inserts	PVC (Options: Polyurethane - Consult Factory)	Ethylene Propylene Thermoplastic Rubber (EPTR) "Santoprene"
Overmold /Shell	PVC	Anodized Aluminum (Options: Nylon or Stainless Steel - Consult Factory)
Cable / Wire	Cable: 3#18 & 16#22; Yellow Oil Resistant PVC Jacket: Fine Stranded Copper Conductors; 600V, STO, 105°C (221°F); Optional Polyurethane (Yellow)	Wire: 3#18 & 16#22, PVC Insulated; 12 In. (.3m) Leads

Pin & Socket Configurations:

(View from cable end of connector)

Male (Pin) Configuration

Female Contact (Socket) Configuration



ORDERING INFORMATION

CORDSETS: SINGLE & DOUBLE ENDED	*General Configuration	36" (.91m) Cord Length	72" (1.83m) Cord Length	144" (3.66m) Cord Length	Custom (X= In. Length)
Straight Male Single Ended		1619P36	1619P72	1619P144	1619PXXX
Straight Female Single Ended		1619S36	1619S72	1619S144	1619SXXX
90° Male Single Ended		1819P36	1819P72	1819P144	1819PXXX
90° Female Single Ended		1819S36	1819S72	1819S144	1819SXXX
Straight Inline Male Single Ended		1919P36	1919P72	1919P144	1919PXXX
Straight Inline Female Single Ended		1919S36	1919S72	1919S144	1919SXXX
Straight Male / Male Double Ended		5619P19P36	5619P19P72	5619P19P144	5619P19PXXX
Straight Female / Female Double Ended		5619S19S36	5619S19S72	5619S19S144	5619S19SXXX
Straight Male / Female Double Ended		5619P19S36	5619P19S72	5619P19S144	5619P19SXXX
Extension Set Inline Male/Female Double Ended		5119P19S36	5119P19S72	5119P19S144	5119P19SXXX
Extension Set Inline Female/Male Double Ended		5119S19P36	5119S19P72	5119S19P144	5119S19PXXX

*For Polyurethane Cable, add *suffix* "U" to Part Number.

PANEL MOUNT ASSEMBLIES	General Configuration	12" (30.5cm) Leads	Custom (X=In. Length)
Externally Threaded Receptacle Male		1719P12	1719PXXX
Externally Threaded Receptacle Female		1719S12	1719SXXX
Internally Threaded Receptacle Male		1719PN12	1719PNXXX
Internally Threaded Receptacle Female		1719SN12	1719SNXXX

**CUSTOM CONNECTORS
AND CORDSETS
AVAILABLE**

Consult Factory



For additional information regarding product, specifications and distributor locations, please visit Conxall's website at www.conxall.com



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