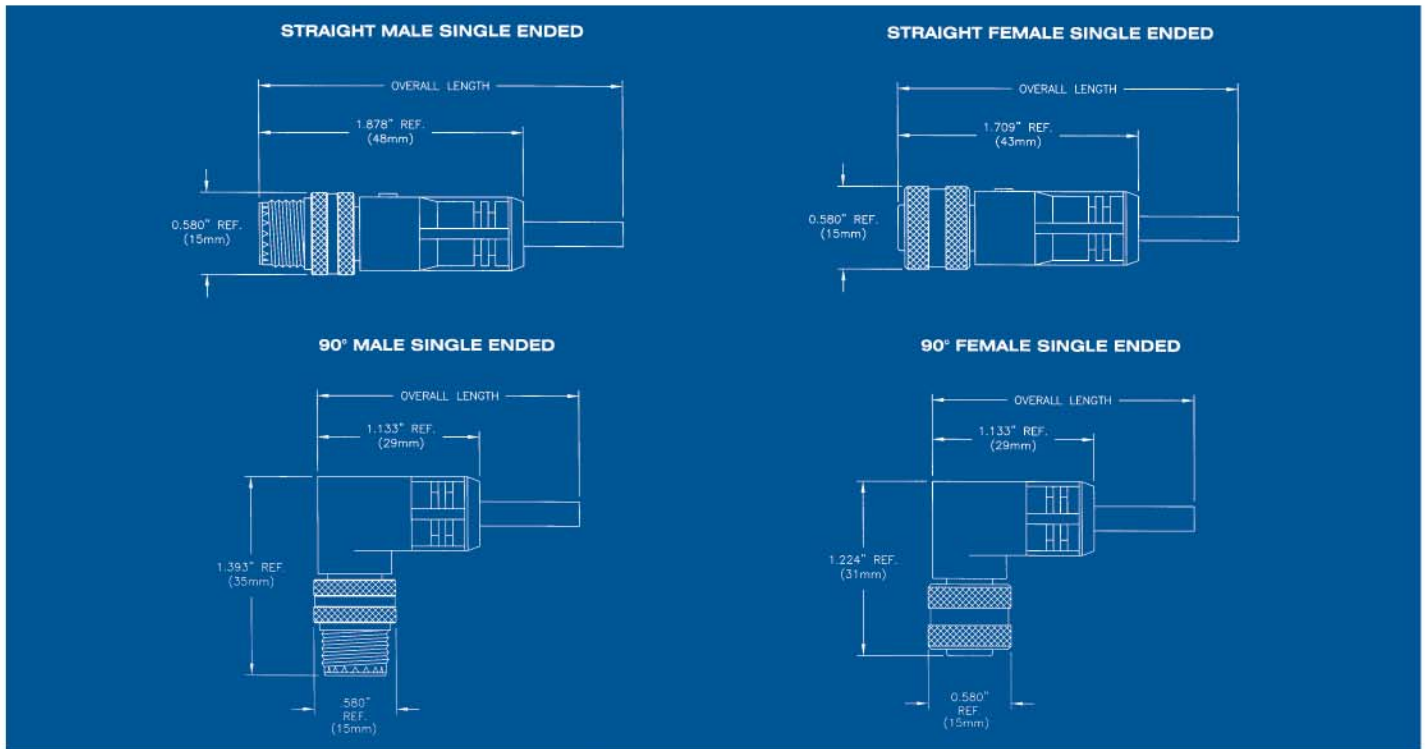




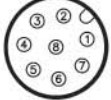


SENSOR-LINK DC METAL MICRO-MIZER®

MOLDED CONNECTOR ASSEMBLIES

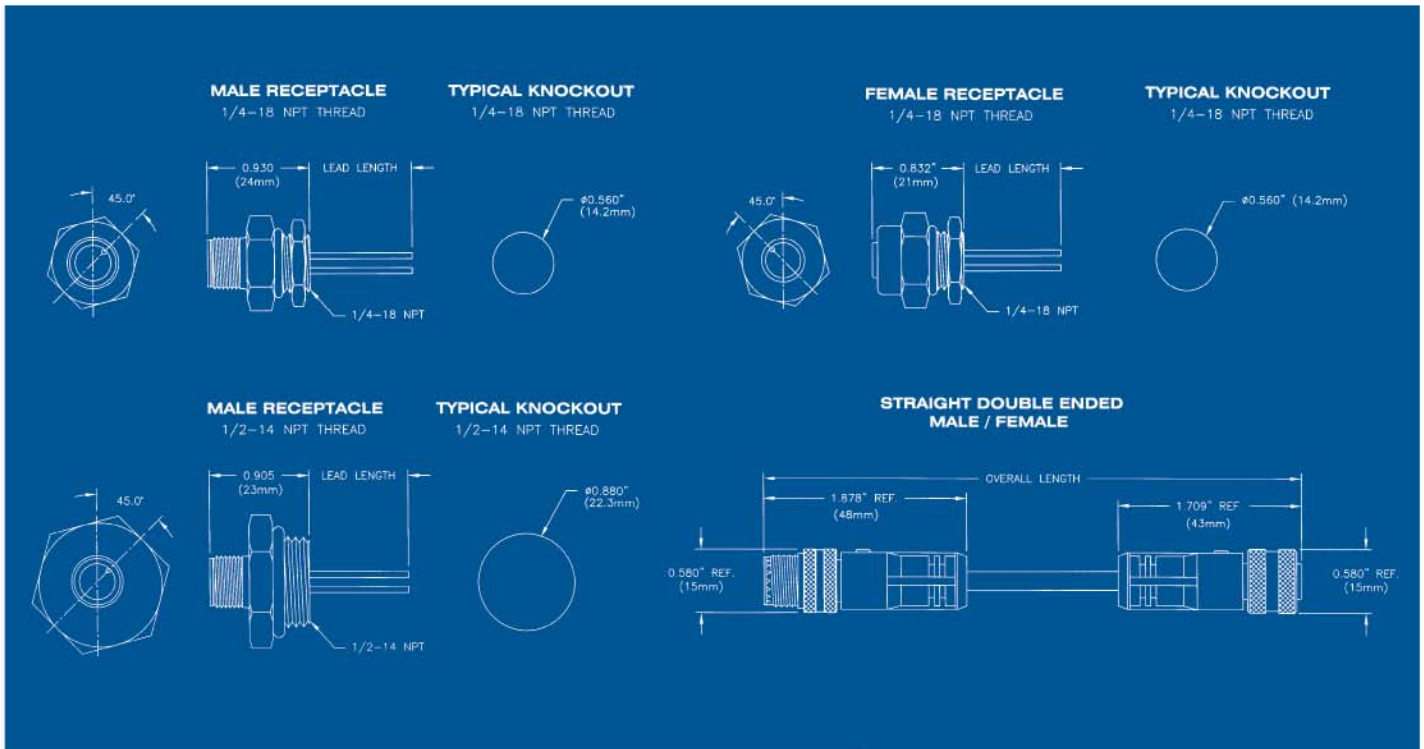


Anti-vibration coupling nuts standard.

Face View Male	Rating	Overall Length Meters	Straight Male Single Ended	Straight Female Single Ended	90° Male Single Ended	90° Female Single Ended
	3A 300V	1	302P1	302S1	342P1	342S1
		2	302P2	302S2	342P2	342S2
		4	302P4	302S4	342P4	342S4
		Custom	302PXX	302SXX	342PXX	342SXX
	3A 300V	1	303P1	303S1	343P1	343S1
		2	303P2	303S2	343P2	343S2
		4	303P4	303S4	343P4	343S4
		Custom	303PXX	303SXX	343PXX	343SXX
	3A 300V	1	304P1	304S1	344P1	344S1
		2	304P2	304S2	344P2	344S2
		4	304P4	304S4	344P4	344S4
		Custom	304PXX	304SXX	344PXX	344SXX
	3A 300V	1	305P1	305S1	345P1	345S1
		2	305P2	305S2	345P2	345S2
		4	305P4	305S4	345P4	345S4
		Custom	305PXX	305SXX	345PXX	345SXX
	2A 125V	1	308P1	308S1	348P1	348S1
		2	308P2	308S2	348P2	348S2
		4	308P4	308S4	348P4	348S4
		Custom	308PXX	308SXX	348PXX	348SXX

Consult Factory for 6 & 7 Pole

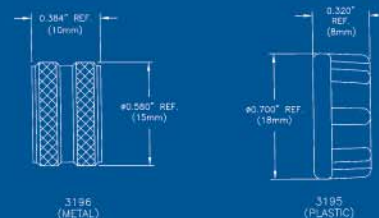
XX - Indicates "overall length" in meters.
 For mechanical, electrical and wiring sequence see pages 28 & 29.
 90° assemblies have key position at 45 degrees.



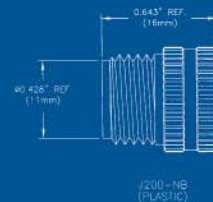
Anti-vibration coupling nuts standard.

Receptacle Male 1/4 - 18 NPT .3 Meter Leads	Receptacle Female 1/4 - 18 NPT .3 Meter Leads	Receptacle Male 1/2 - 14 NPT .3 Meter Leads	Straight Male / Male Double Ended	Straight Female / Female Double Ended	Straight Male / Female Double Ended
312P.3	312S.3	312PA.3	372P2P1	372S2S1	372P2S1
			372P2P2	372S2S2	372P2S2
			372P2P4	372S2S4	372P2S4
312PXX	312SXX	312PAXX	372P2PXX	372S2SXX	372P2SXX
			373P3P1	373S3S1	373P3S1
			373P3P2	373S3S2	373P3S2
			373P3P4	373S3S4	373P3S4
313PXX	313SXX	313PAXX	373P3PXX	373S3SXX	373P3SXX
			374P4P1	374S4S1	374P4S1
			374P4P2	374S4S2	374P4S2
			374P4P4	374S4S4	374P4S4
314PXX	314SXX	314PAXX	374P4PXX	374S4SXX	374P4SXX
			375P5P1	375S5S1	375P5S1
			375P5P2	375S5S2	375P5S2
			375P5P4	375S5S4	375P5S4
315PXX	315SXX	315PAXX	375P5PXX	375S5SXX	375P5SXX
			378P8P1	378S8S1	378P8S1
			378P8P2	378S8S2	378P8S2
			378P8P4	378S8S4	378P8S4
318PXX	318SXX	318PAXX	378P8PXX	378S8SXX	378P8SXX

PROTECTIVE CAPS
FOR EXTERNALLY THREADED
COUPLING NUTS OR RECEPTACLES



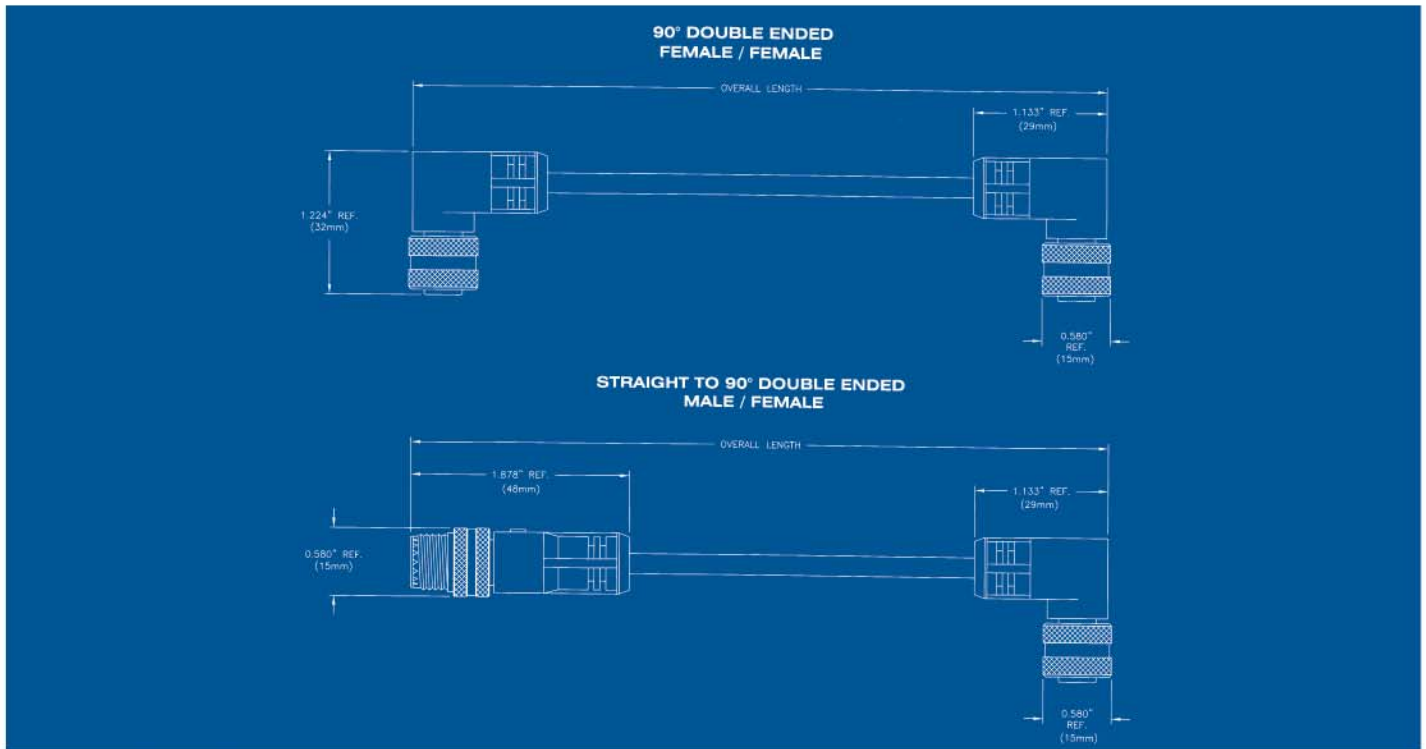
PROTECTIVE CAP
FOR INTERNALLY THREADED
COUPLING NUTS OR RECEPTACLES



XX - Indicates "overall length / lead length" in meters.
For mechanical, electrical and wiring sequence see pages 28 & 29.

SENSOR-LINK DC METAL MICRO-MIZER®

MOLDED CONNECTOR ASSEMBLIES



Anti-vibration coupling nuts standard.

Face View Male	Rating	Overall Length Meters	90° Male / Male Double Ended	90° Female / Female Double Ended	90° Male / Female Double Ended	Straight to 90° Male / Female Double Ended	Straight to 90° Female / Male Double Ended
	3A 300V	1	362P2P1	362S2S1	362P2S1	352P2S1	352S2P1
		2	362P2P2	362S2S2	362P2S2	352P2S2	352S2P2
		4	362P2P4	362S2S4	362P2S4	352P2S4	352S2P4
		Custom	362P2PXX	362S2SXX	362P2SXX	352P2SXX	352S2PXX
	3A 300V	1	363P3P1	363S3S1	363P3S1	353P3S1	353S3P1
		2	363P3P2	363S3S2	363P3S2	353P3S2	353S3P2
		4	363P3P4	363S3S4	363P3S4	353P3S4	353S3P4
		Custom	363P3PXX	363S3SXX	363P3SXX	353P3SXX	353S3PXX
	3A 300V	1	364P4P1	364S4S1	364P4S1	354P4S1	354S4P1
		2	364P4P2	364S4S2	364P4S2	354P4S2	354S4P2
		4	364P4P4	364S4S4	364P4S4	354P4S4	354S4P4
		Custom	364P4PXX	364S4SXX	364P4SXX	354P4SXX	354S4PXX
	3A 300V	1	365P5P1	365S5S1	365P5S1	355P5S1	355S5P1
		2	365P5P2	365S5S2	365P5S2	355P5S2	355S5P2
		4	365P5P4	365S5S4	365P5S4	355P5S4	355S5P4
		Custom	365P5PXX	365S5SXX	365P5SXX	355P5SXX	355S5PXX
	2A 125V	1	368P8P1	368S8S1	368P8S1	358P8S1	358S8P1
		2	368P8P2	368S8S2	368P8S2	358P8S2	358S8P2
		4	368P8P4	368S8S4	368P8S4	358P8S4	358S8P4
		Custom	368P8PXX	368S8SXX	368P8SXX	358P8SXX	358S8PXX

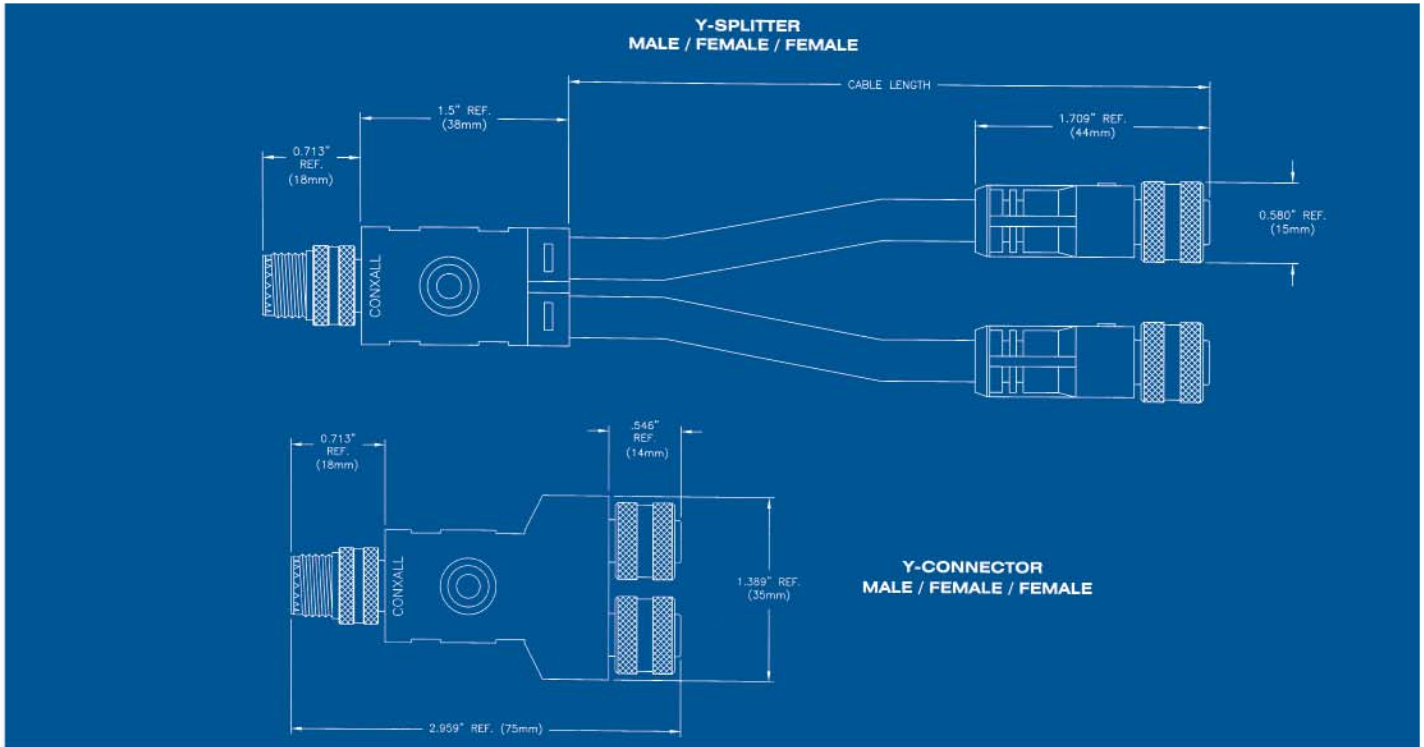
Consult Factory
for 6 & 7 Pole

XX – Indicates “overall length” in meters.
For mechanical, electrical and wiring sequence see pages 28 & 29.
90° assemblies have key position at 45 degrees.

SENSOR-LINK DC METAL MICRO-MIZER®



MOLDED CONNECTOR ASSEMBLIES



Anti-vibration coupling nuts standard.

Face View Male	Rating	Wiring Diagram	Y-Splitter Female / Female Female	Y-Splitter Male / Female Female	Y-Connector Female / Female Female	Y-Connector Male / Female Female
	3A 300V		392S2S2S.3 392S2S2SXX	392P2S2S.3 392P2S2SXX	322S2S2S	322P2S2S
	3A 300V		393S3S3S.3 393S3S3SXX	393P3S3S.3 393P3S3SXX	323S3S3S	323P3S3S
	3A 300V		394S4S4S.3 394S4S4SXX	394P4S4S.3 394P4S4SXX	324S4S4S	324P4S4S
	3A 300V		395S5S5S.3 395S5S5SXX	395P5S5S.3 395P5S5SXX	325S5S5S	325P5S5S
	2A 125V		398S8S8S.3 398S8S8SXX	398P8S8S.3 398P8S8SXX	328S8S8S	328P8S8S

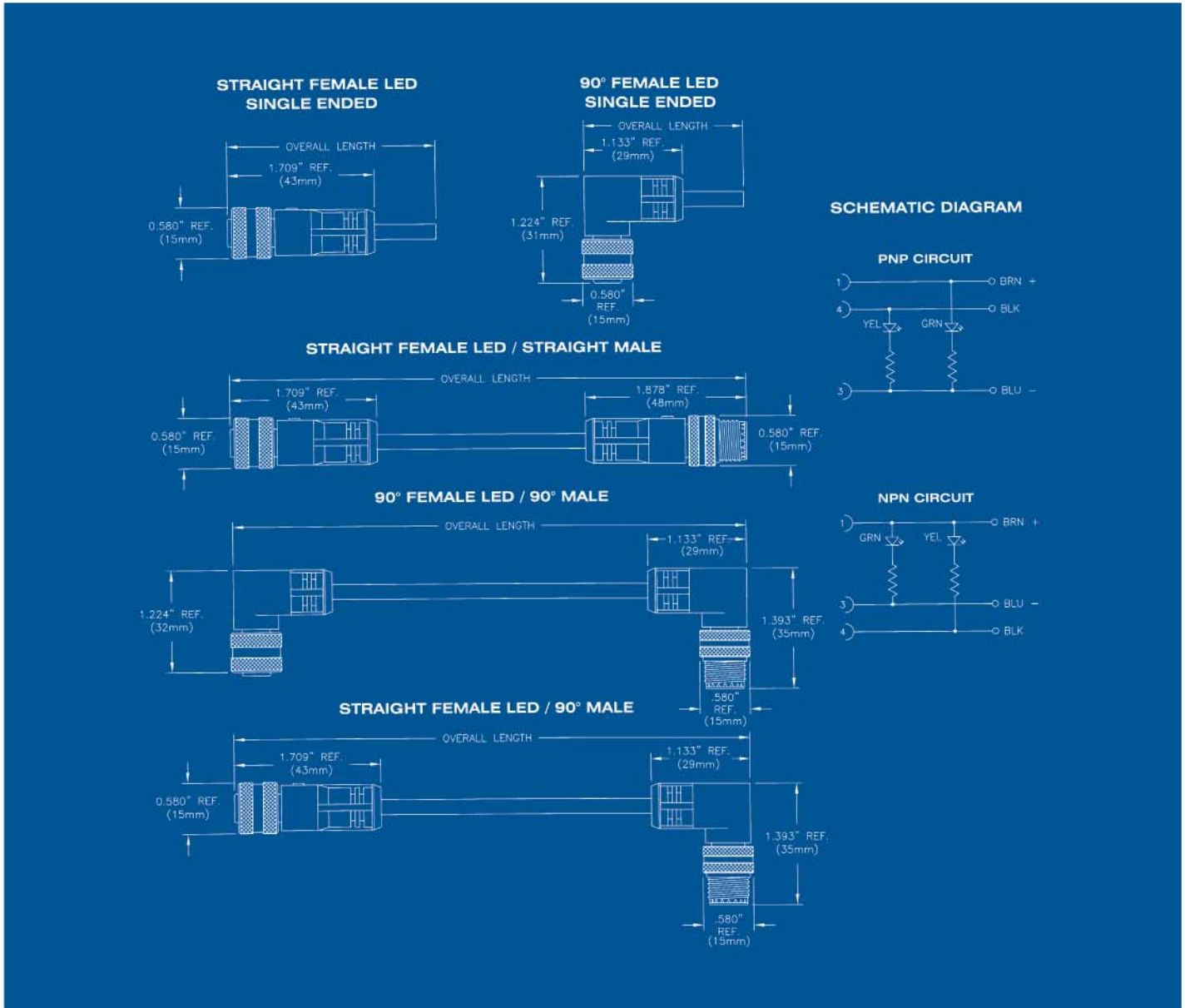
Consult Factory for 6 & 7 Pole

XX – Indicates “cable length” in meters, other than standard .3 meter length.
For mechanical, electrical and wiring sequence see pages 28 & 29.
For insert combinations not shown — consult factory.

SENSOR-LINK[®]

DC METAL MICRO-MIZER[®] LED CORDSETS

MOLDED CONNECTOR ASSEMBLIES



Face View Female	Circuit Type	Rating	Overall Length Meters	Straight Inline Male Single Ended	Straight Female Single Ended	Straight Inline Male Double Ended	Straight Female/Female Double Ended	Straight Male/Female Double Ended
	PNP	3A 10 to 30V DC	1	303SL1PNP	343SL1PNP	373S4PL1PNP	363S4PL1PNP	353S4PL1PNP
			2	303SL2PNP	343SL2PNP	373S4PL2PNP	363S4PL2PNP	353S4PL2PNP
			4	303SL4PNP	343SL4PNP	373S4PL4PNP	363S4PL4PNP	353S4PL4PNP
			Custom	303SLXXPNP	343SLXXPNP	373S4PLXXPNP	363S4PLXXPNP	353S4PLXXPNP
	NPN	3A 10 to 30V DC	1	303SL1NPN	343SL1NPN	373S4PL1NPN	363S4PL1NPN	353S4PL1NPN
			2	303SL2NPN	343SL2NPN	373S4PL2NPN	363S4PL2NPN	353S4PL2NPN
			4	303SL4NPN	343SL4NPN	373S4PL4NPN	363S4PL4NPN	353S4PL4NPN
			Custom	303SLXXNPN	343SLXXNPN	373S4PLXXNPN	363S4PLXXNPN	353S4PLXXNPN

XX – Indicates “overall length” in meters.
 Note: Only three of the four positions of the insert are being utilized. Position 2 is a “dummy” contact.
 For mechanical and electrical specifications see pages 28 & 29.
 90° assemblies have key position at 45 degrees.

SENSOR-LINK MICRO-MIZER®

MOLDED CONNECTOR ASSEMBLIES

STANDARD MINI-MIZER WIRING SEQUENCE

Panel Mounts and Cable Assemblies Conductor
Color Code per Contact Position:

DC

2 CONTACTS

3.	BRN	
4.	BLU	

3 CONTACTS

1.	BRN	
3.	BLU	
4.	BLK	

4 CONTACTS

1.	BRN	
2.	WHT	
3.	BLU	
4.	BLK	

5 CONTACTS

1.	BRN	
2.	WHT	
3.	BLU	
4.	BLK	
5.	GRY	

8 CONTACTS

1.	WHT	
2.	BRN	
3.	GRN	
4.	YEL	
5.	GRY	
6.	PINK	
7.	BLU	
8.	RED	

AC

2 CONTACTS

1.	BRN	
2.	BLU	

3 CONTACTS

1.	GRN	
2.	RED/BLK	
3.	RED/WHT	

4 CONTACTS

1.	RED/BLK	
2.	RED/WHT	
3.	RED	
4.	GRN	

5 CONTACTS

1.	RED/WHT	
2.	RED	
3.	GRN	
4.	RED/YEL	
5.	RED/BLK	

6 CONTACTS

1.	RED/WHT	
2.	RED	
3.	GRN	
4.	RED/YEL	
5.	RED/BLK	
6.	RED/BLU	

SENSOR LINK PRODUCT LINE

MICRO-MIZER® SPECIFICATIONS

STANDARD PANEL MOUNTS:

- 22 AWG, 80°C, 300V, PVC Hook-up Wire
- Nylon Insert
- Lead Length 12 In.
- Epoxy Filled

STANDARD AC & DC METAL:

- 22 AWG, PVC Yellow Jacketed Cable
 - Nylon Insert (Black for AC, Yellow for DC)
 - PVC, Yellow Overmold
 - Length 3, 6 and 12 Ft. for AC 1, 2 and 4 Meters for DC
- Options*
- 22 AWG, Polyurethane Yellow Jacketed Cable
For polyurethane cable add suffix "U"
 - 22 AWG, PVC & Polyurethane Yellow Jacketed Shielded Cable
For Shielded Cable add suffix "S"
- Lengths other than standard

STANDARD SINGLE KEY PLASTIC:

- 22 AWG, PVC Yellow Jacketed Cable
 - Nylon, Black Insert
 - PVC, Black Overmold
 - Length 1, 2 and 4 Meters
- Options*
- 22 AWG, Polyurethane Yellow Jacketed Cable
For polyurethane cable add suffix "U"
 - 22 AWG, PVC & Polyurethane Yellow Jacketed Shielded Cable
For Shielded Cable add suffix "S"
- Lengths other than standard

Y-SPLITTER ASSEMBLIES:

- 22 AWG, PVC Yellow Jacketed Cable
 - Nylon Insert
 - PVC Overmold
- Options*
- 22 AWG, Polyurethane Yellow Jacketed Cable

DC LED CORDSETS:

- 1 Green & 1 Yellow Extended Life LEDs (Typical life @ ambient temperature is 100,000 hours.)
 - PNP or NPN
 - 22 AWG, PVC Yellow Jacketed Cable
 - Nylon Insert
 - PVC, Clear Overmold
- Options*
- 22 AWG, Polyurethane Yellow Jacketed Cable
 - Polyurethane, Clear Overmold

ELECTRICAL RATING

VOLTAGE: Metal/Plastic (Non-LED Assemblies) - 300V
Metal (LED Assemblies) - 10-30V DC

CABLE ASSEMBLIES

COUPLING NUT: Metal-Anodized Aluminum
Plastic-Nylon
Optional-Nickel-plated Brass or Stainless Steel
(Consult Factory)

CONTACTS: Metal/Plastic-Copper Alloy, Gold-plated

INSERT: Metal/Plastic-Nylon

MOLDED HEADS: Metal/Plastic-PVC

O-RINGS: Metal/Plastic-Viton

CABLE: Metal/Plastic-22 AWG: PVC Insulated, Fine Stranded Copper Conductors,
Yellow Oil Resistant PVC Jacketed 300V, ST, 105°C.
UL Recognized, CSA Certified

PANEL MOUNT ASSEMBLIES

SHELLS: Metal-Anodized Aluminum
Plastic-Nylon

Optional-Nickel-plated Brass
(Consult Factory)

CONTACTS: Metal/Plastic-Copper Alloy, Gold-plated

INSERTS: Metal-Nylon

WIRE: Metal/Plastic-22 AWG PVC Insulated, 300V
UL Recognized, CSA Certified

ENVIRONMENTAL

PROTECTION: Metal/Plastic-NEMA 6P, IP67 & IP68

OPERATING

AMBIENT: Metal/Plastic--20° to 80°C

CERTIFICATIONS

UL: Metal/Plastic-UL Recognized,
File No. E150822

cUL: Metal/Plastic-Canadian UL Recognized,
File No. E150822

CSA: Metal/Plastic-CSA
Certified File No. 181200